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* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS	23	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS	26	FEB 13	CASREACT coverage to be extended
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:04:51 ON 15 FEB 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:05:04 ON 15 FEB 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 FEB 2007 HIGHEST RN 921041-62-5

DICTIONARY FILE UPDATES: 14 FEB 2007 HIGHEST RN 921041-62-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

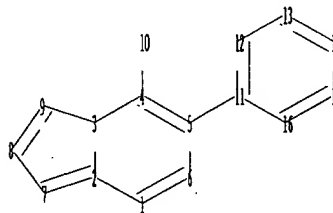
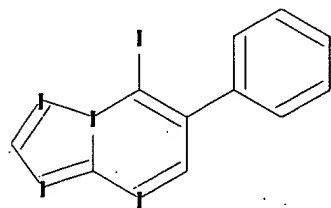
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\09895975.str



chain nodes :

10

ring nodes :

1 2 3 4 5 6 7 8 9 11 12 13 14 15 16

chain bonds :

4-10 5-11

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 11-12 11-16 12-13 13-14 14-15 15-16

09/ 895,975

exact/norm bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 4-10 5-6 7-8 8-9

exact bonds :

5-11

normalized bonds :

11-12 11-16 12-13 13-14 14-15 15-16

isolated ring systems :

containing 1 : 11 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS

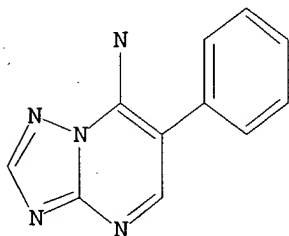
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom

L1 STRUCTURE UPLOADED

=> d L1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 10:05:46 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 4613 TO ITERATE

100.0% PROCESSED 4613 ITERATIONS

2335 ANSWERS

SEARCH TIME: 00.00.04

L2 2335 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.55

172.76

FILE 'HCAPLUS' ENTERED AT 10:06:04 ON 15 FEB 2007

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FILE COVERS 1907 - 15 Feb 2007 VOL 146 ISS 8

FILE LAST UPDATED: 14 Feb 2007 (20070214/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l2

L3 90 L2

=> s l3 and (cancer or tumor or neoplas or proliferat)

) IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s l3 and (cancer or tumor or neoplas or proliferat)

) IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s l3 and (cancer? or tumor? or neoplas? or proliferat?)

321324 CANCER?

458353 TUMOR?

481095 NEOPLAS?

259735 PROLIFERAT?

L4 3 L3 AND (CANCER? OR TUMOR? OR NEOPLAS? OR PROLIFERAT?)

=> d l4 1- ibib abs hitstr

YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:300451 HCAPLUS

DOCUMENT NUMBER: 142:373861

TITLE: Preparation of 6-[(substituted)phenyl]triazolopyrimidines as tubulin polymerization promoters as anticancer agents for tumors that express multiple drug resistance (MDR) or are resistant because of MDR

INVENTOR(S): Zhang, Nan; Ayral-Kaloustian, Semiramis; Nguyen, Thai Hiep; Wu, Yanzhong; Tong, Wei

PATENT ASSIGNEE(S): Wyeth Holdings Corp., USA

SOURCE: PCT Int. Appl., 134 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005030775	A1	20050407	WO 2004-US30515	20040917
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

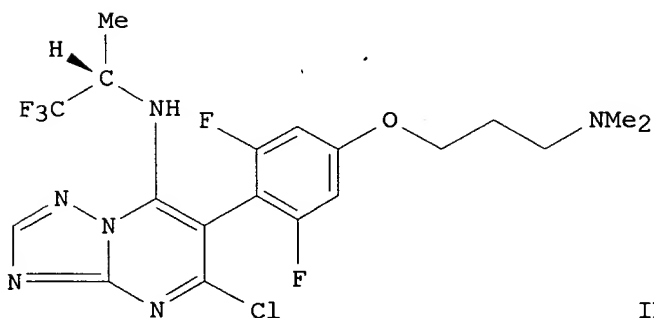
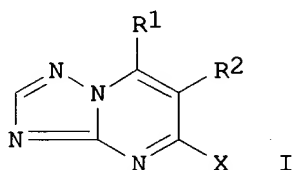
AU 2004276240	A1	20050407	AU 2004-276240	20040917
CA 2539252	A1	20050407	CA 2004-2539252	20040917
EP 1680425	A1	20060719	EP 2004-788820	20040917
EP 1680425	B1	20070110		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

BR 2004014700	A	20061114	BR 2004-14700	20040917
CN 1867569	A	20061122	CN 2004-80030200	20040917
US 2005090508	A1	20050428	US 2004-950543	20040924
NO 2006001318	A	20060421	NO 2006-1318	20060323

PRIORITY APPLN. INFO.: US 2003-505544P P 20030924
WO 2004-US30515 W 20040917

OTHER SOURCE(S): MARPAT 142:373861
GI



AB This invention relates to certain 6-[(substituted)phenyl]triazolopyrimidin e compds. (shown as I; variables defined below; e.g. II) or pharmaceutically acceptable salts thereof, and compns. containing said compds. or pharmaceutically acceptable salts thereof, wherein said compds. are anti-cancer agents useful for the treatment of cancer in mammals. This invention further relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal and further provides a method for the treatment or prevention of cancerous tumors that express multiple drug resistance (MDR) or are resistant because of MDR, in a mammal in need thereof which method comprises administering to said mammal an effective amount of said compds. or pharmaceutically acceptable

salts thereof. The present invention relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof by promotion of microtubule polymerization which comprises administering to said mammal an effective amount of

said compds. and pharmaceutically acceptable salts thereof. Strong evidence is presented that these compds. bind at the vinca/peptide site of tubulin and not at the colchicine or taxane sites. Methods of preparation are claimed and .apprx.20 example prepsns. are included. For example, II which was prepared in 2 steps starting with reaction of 5,7-dichloro-6-(2,4,6-trifluorophenyl)-[1,2,4]triazolo[1,5-a]pyrimidine, ((1S)-2,2,2-trifluoro-1-methylethyl)amine hydrochloride and N,N-diisopropylethylamine to give 5-Chloro-6-(2,4,6-trifluorophenyl)-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine, which was reacted with 3-dimethylamino-1-propanol/NaH. For I: R1 = R3R5CHNH and C6-C8 cycloalkyl (un)substituted with R8; R2 = Q(CH2)nY-, 2-L1- and 6-L2-substituted phenyl; n = 2-4 ; X = Cl or Br; Y = O, S, CH2 or NR4; Q = -NR6R7 and -OH; L1 and L2 = H, F, Cl, Br, or CF3; R3 = CF3 or C2F5; R4 and R5 = H or C1-3 alkyl; R6 and R7 = H or C1-C3 alkyl; or R6 and R7 when optionally taken together with the N atom to which each is attached form a 4 to 6 membered saturated heterocyclic ring with 1-2 N atoms and 0-1 O atoms or 0-1 S atoms, and (un)substituted with R8; R8 = C1-C3 alkyl.

IT 849550-66-9P 849550-67-0P

RL: PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)

(drug candidate, hydration, powder XRD; preparation of 6-[(substituted)phenyl]triazolopyrimidines as tubulin polymerization promoters as anticancer agents for tumors expressing multiple drug resistance (MDR) or resistance because of MDR)

RN 849550-66-9 HCAPLUS

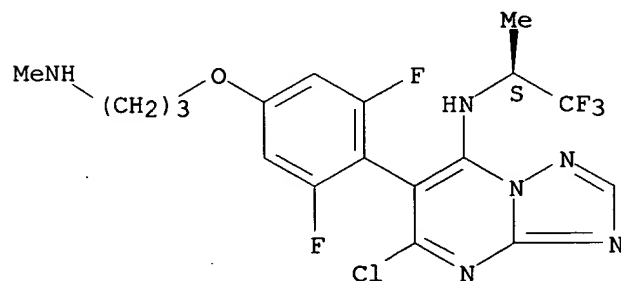
CN Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine (9CI) (CA INDEX NAME)

CM 1

CRN 849550-05-6

CMF C18 H18 Cl F5 N6 O

Absolute stereochemistry.



CM 2

CRN 110-15-6

CMF C4 H6 O4

09/ 895,975

HO₂C-CH₂-CH₂-CO₂H

RN 849550-67-0 HCAPLUS

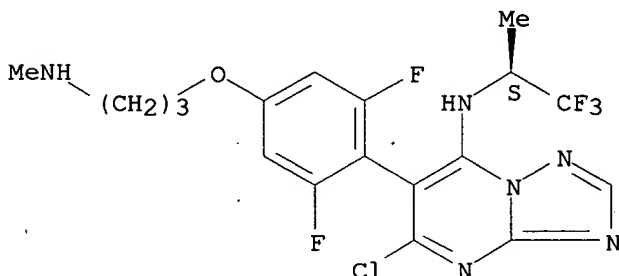
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 849550-05-6

CMF C18 H18 Cl F5 N6 O

Absolute stereochemistry.

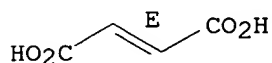


CM 2

CRN 110-17-8

CMF C4 H4 O4

Double bond geometry as shown.



IT 849550-68-1P 849550-69-2P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate, powder XRD; preparation of 6-[(substituted)phenyl]triazolopyrimidines as tubulin polymerization promoters as anticancer agents for tumors expressing multiple drug resistance (MDR) or resistance because of MDR)

RN 849550-68-1 HCAPLUS

CN Butanedioic acid, compd. with 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl][1,2,4]triazolo[1,5-a]pyrimidin-7-amine, hydrate (? : 1 : 2) (9CI) (CA INDEX NAME)

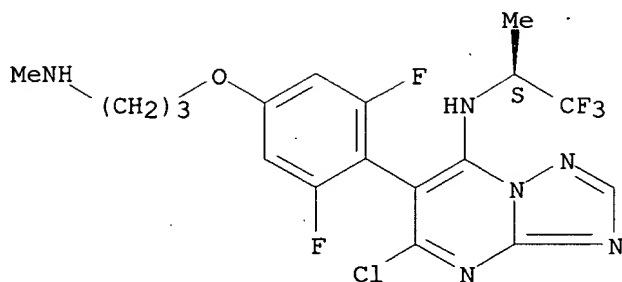
CM 1

CRN 849550-05-6

CMF C18 H18 Cl F5 N6 O

Absolute stereochemistry.

09/ 895,975



CM 2

CRN 110-15-6

CMF C4 H6 O4

HO₂C-CH₂-CH₂-CO₂H

RN 849550-69-2 HCAPLUS

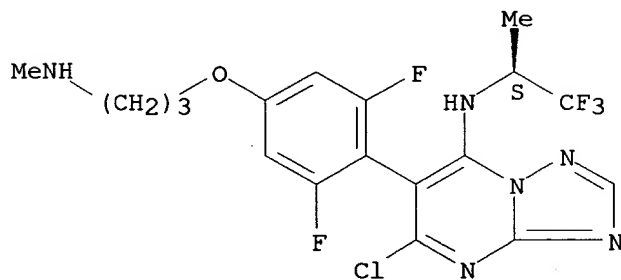
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, (2E)-2-butenedioate (1:1), dihydrate (9CI) (CA INDEX NAME)

CM 1

CRN 849550-05-6

CMF C18 H18 Cl F5 N6 O

Absolute stereochemistry.

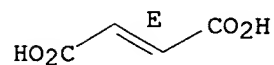


CM 2

CRN 110-17-8

CMF C4 H4 O4

Double bond geometry as shown.



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(methylamino)propoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-36-3P,
5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
849550-65-8P, 5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine hydrochloride

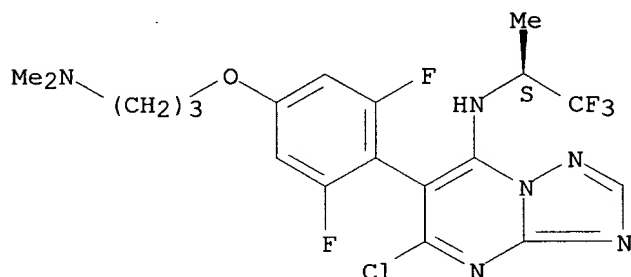
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(drug candidate; preparation of 6-[(substituted)phenyl]triazolopyrimidines as tubulin polymerization promoters as anticancer agents for tumors expressing multiple drug resistance (MDR) or resistance because of MDR)

RN 849550-04-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

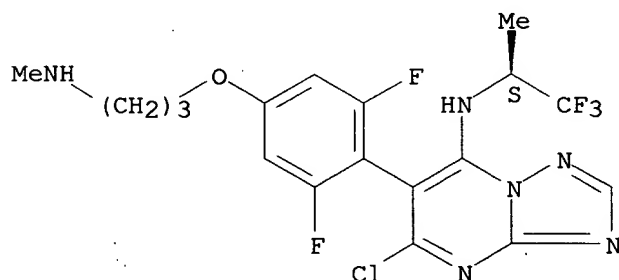
Absolute stereochemistry.



RN 849550-05-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

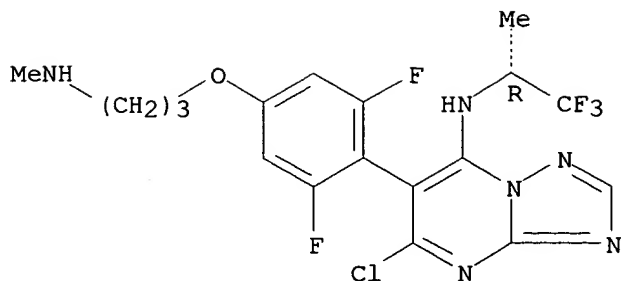
Absolute stereochemistry.



RN 849550-36-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

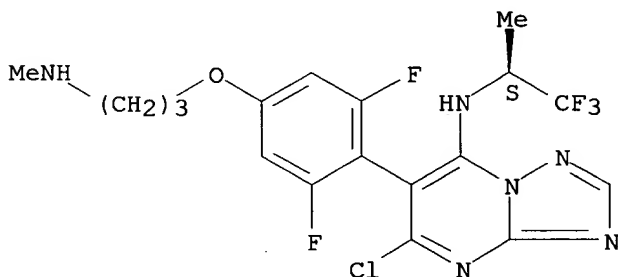
Absolute stereochemistry.



RN 849550-65-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

IT 849550-06-7P, 5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoroethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-07-8P, 5-Chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-(2,2,2-trifluoroethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-08-9P, 6-[4-(3-Aminopropoxy)-2,6-difluorophenyl]-5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-09-0P, 5-Chloro-6-[2,6-difluoro-4-[3-(4-methylpiperazin-1-yl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-10-3P, 5-Chloro-6-[4-[3-(ethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-11-4P, 5-Chloro-6-[4-[3-[ethyl(methyl)amino]propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-12-5P, 5-Chloro-6-[2,6-difluoro-4-[3-(pyrrolidin-1-yl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-13-6P, 5-Chloro-6-[2,6-difluoro-4-[3-(piperidin-1-yl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-14-7P, 5-Chloro-6-[2,6-difluoro-4-[3-(morpholin-4-yl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-15-8P, 6-[4-[3-(Azetidin-1-yl)propoxy]-2,6-difluorophenyl]-5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-16-9P, 5-Chloro-6-[4-[3-(dimethylamino)propoxy]-2-

fluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-17-0P, 5-Chloro-6-[2,6-difluoro-4-[2-(methylamino)ethoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-18-1P, 5-Chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-19-2P, 5-Chloro-6-[4-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-20-5P, 5-Chloro-6-[2,6-difluoro-4-[2-(morpholin-4-yl)ethoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-21-6P, 5-Chloro-6-[4-[3-(dimethylamino)propyl]thio]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-22-7P, 2-[4-[5-Chloro-7-[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]ethanol 849550-23-8P, 3-[4-[5-Chloro-7-[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]propan-1-ol 849550-24-9P, 4-[4-[5-Chloro-7-[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]butan-1-ol 849550-25-0P, N-[4-[5-Chloro-7-[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N',N'-trimethylpropane-1,3-diamine 849550-26-1P, N-[4-[5-Chloro-7-[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N',N'-dimethylpropane-1,3-diamine 849550-27-2P, N-[4-[5-Chloro-7-[(1S)-2,2,2-trifluoro-1-methylethyl]amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N'-dimethylethane-1,2-diamine 849550-28-3P, 5-Bromo-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-29-4P, 5-Chloro-6-[4-[4-(dimethylamino)butyl]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-30-7P, 5-Chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-31-8P, 5-Chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-32-9P, 5-Chloro-6-[3-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-37-4P, 5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-38-5P, 5-Chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-39-6P, 6-[4-(3-Aminopropoxy)-2,6-difluorophenyl]-5-chloro-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-40-9P, 5-Chloro-6-[2,6-difluoro-4-[3-(4-methylpiperazin-1-yl)propoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-41-0P, 5-Chloro-6-[4-[3-(ethylamino)propoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-42-1P, 5-Chloro-6-[4-[3-[ethyl(methyl)amino]propoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-43-2P, 5-Chloro-6-[2,6-difluoro-4-[3-(pyrrolidin-1-yl)propoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-44-3P, 5-Chloro-6-[2,6-difluoro-4-[3-(piperidin-1-yl)propoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-45-4P, 5-Chloro-6-[2,6-difluoro-4-[3-(morpholin-4-yl)propoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine

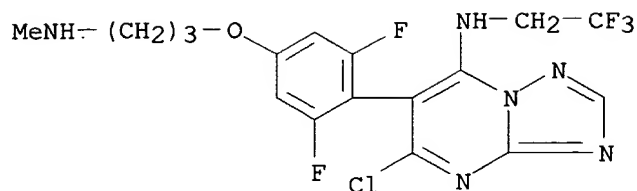
849550-46-5P, 6-[4-[3-(Azetidin-1-yl)propoxy]-2,6-difluorophenyl]-5-chloro-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-47-6P, 5-Chloro-6-[4-[3-(dimethylamino)propoxy]-2-fluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-48-7P, 5-Chloro-6-[2,6-difluoro-4-[2-(methylamino)ethoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-49-8P, 5-Chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-50-1P, 5-Chloro-6-[4-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-51-2P, 5-Chloro-6-[2,6-difluoro-4-[2-(morpholin-4-yl)ethoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-52-3P, 5-Chloro-6-[4-[3-(dimethylamino)propyl]thio]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-53-4P, 2-[4-[5-Chloro-7-((1R)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]ethanol 849550-54-5P, 3-[4-[5-Chloro-7-((1R)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]propan-1-ol 849550-55-6P, 4-[4-[5-Chloro-7-((1R)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]butan-1-ol 849550-56-7P, N-[4-[5-Chloro-7-((1R)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N',N'-trimethylpropane-1,3-diamine 849550-57-8P, N-[4-[5-Chloro-7-((1R)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N',N'-dimethylpropane-1,3-diamine 849550-58-9P, N-[4-[5-Chloro-7-((1R)-2,2,2-trifluoro-1-methylethyl)amino]-[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N',N'-dimethylethane-1,2-diamine 849550-59-0P, 5-Bromo-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-60-3P, 5-Chloro-6-[4-[4-(dimethylamino)butyl]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-61-4P, 5-Chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-62-5P, 5-Chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-63-6P, 5-Chloro-6-[3-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-64-7P, 5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-((1R)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine 849550-70-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of 6-[(substituted)phenyl]triazolopyrimidines as tubulin polymerization promoters as anticancer agents for tumors expressing multiple drug resistance (MDR) or resistance because of MDR)

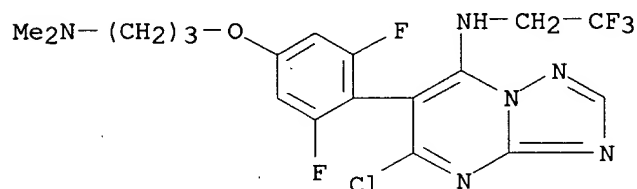
RN 849550-06-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 849550-07-8 HCAPLUS

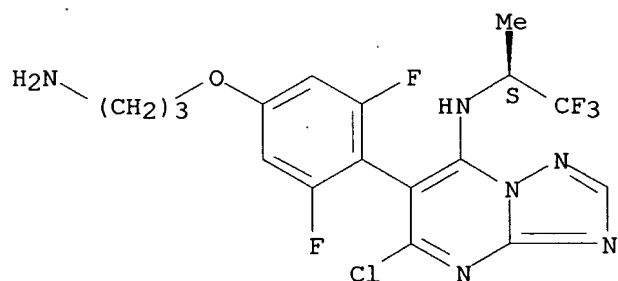
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 849550-08-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(3-aminopropoxy)-2,6-difluorophenyl]-5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

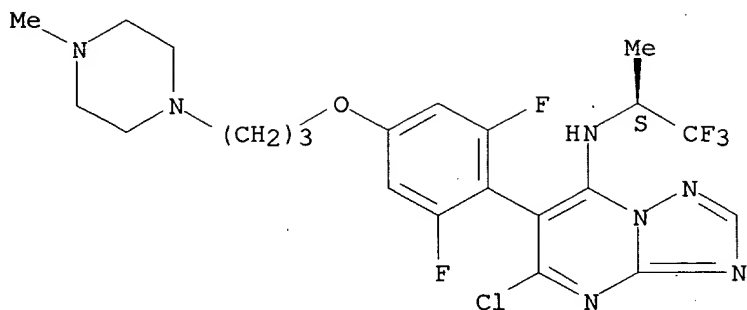
Absolute stereochemistry.



RN 849550-09-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(4-methyl-1-piperazinyl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

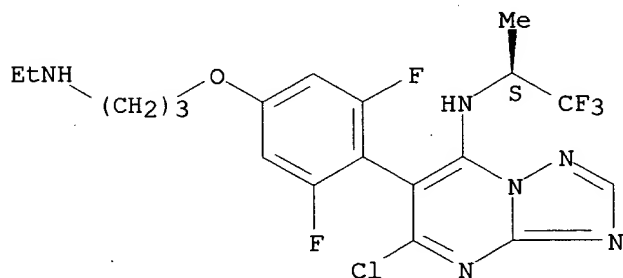
Absolute stereochemistry.



RN 849550-10-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(ethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

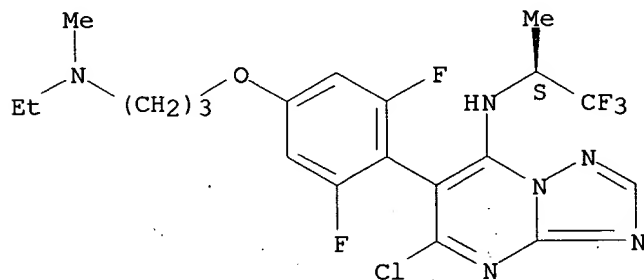
Absolute stereochemistry.



RN 849550-11-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(ethylmethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

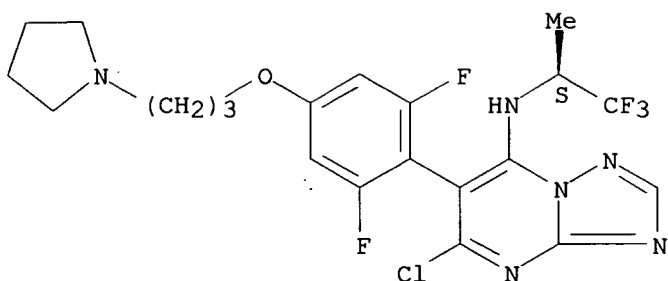
Absolute stereochemistry.



RN 849550-12-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(1-ethylpyrrolidinyl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

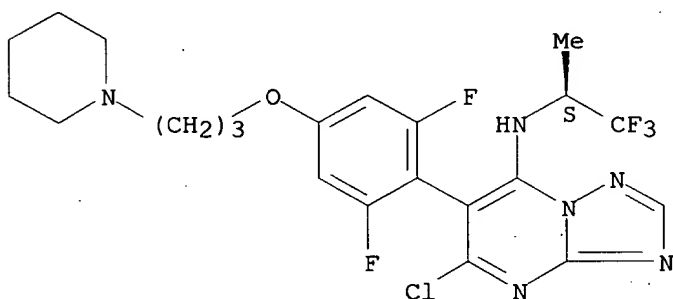
Absolute stereochemistry.



RN 849550-13-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(1-piperidinyl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI)
(CA INDEX NAME)

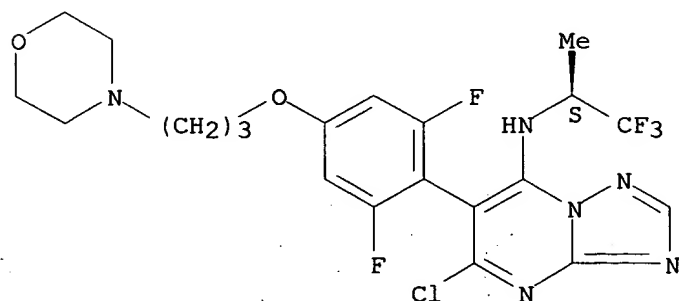
Absolute stereochemistry.



RN 849550-14-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(4-morpholinyl)propoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI)
(CA INDEX NAME)

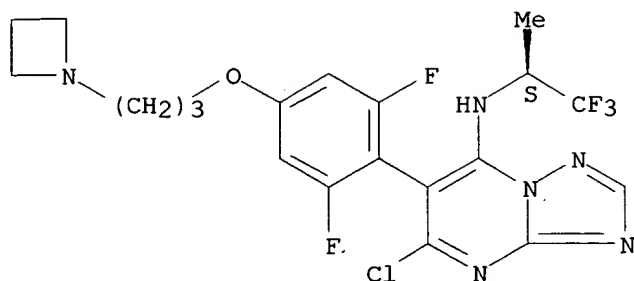
Absolute stereochemistry.



RN 849550-15-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-[3-(1-azetidinyl)propoxy]-2,6-difluorophenyl]-5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI)
(CA INDEX NAME)

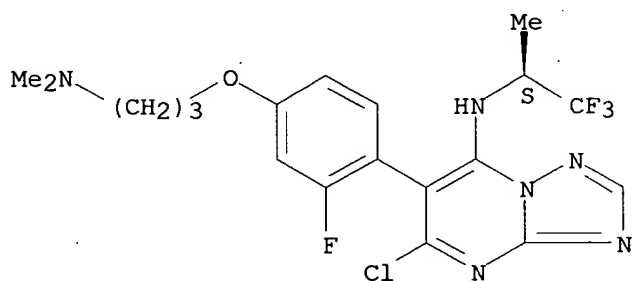
Absolute stereochemistry.



RN 849550-16-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2-fluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

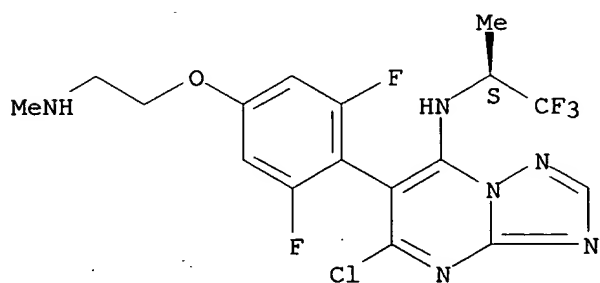
Absolute stereochemistry.



RN 849550-17-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[2-(methylamino)ethoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

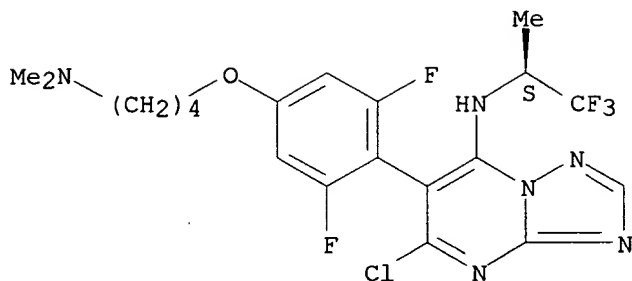
Absolute stereochemistry.



RN 849550-18-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

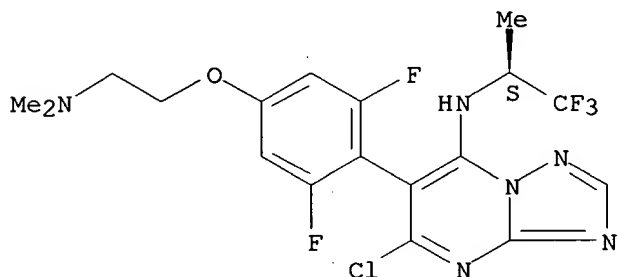
Absolute stereochemistry.



RN 849550-19-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

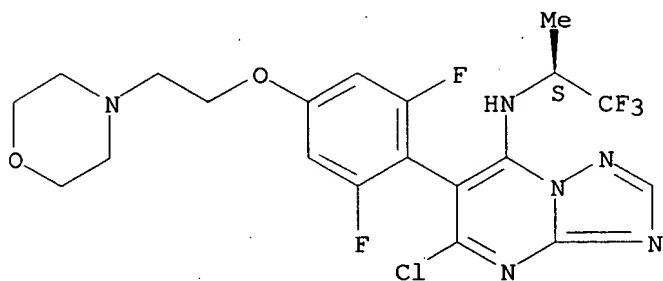
Absolute stereochemistry.



RN 849550-20-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[2-(4-morpholinyl)ethoxy]phenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

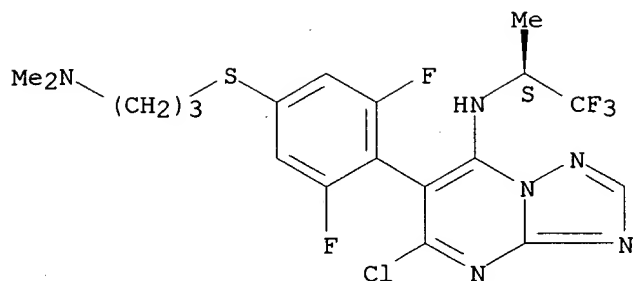
Absolute stereochemistry.



RN 849550-21-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[[3-(dimethylamino)propyl]thio]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

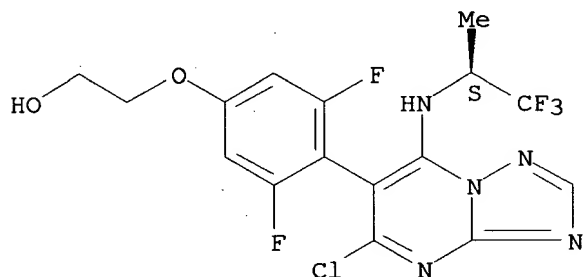
Absolute stereochemistry.



RN 849550-22-7 HCAPLUS

CN Ethanol, 2-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (9CI) (CA INDEX NAME)

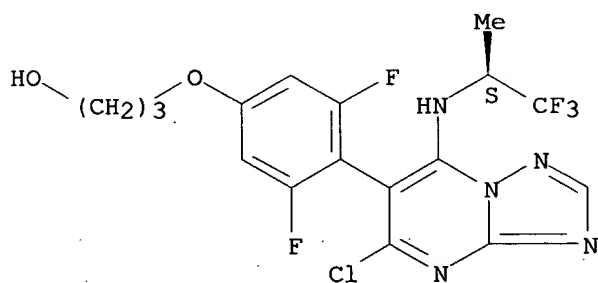
Absolute stereochemistry.



RN 849550-23-8 HCAPLUS

CN 1-Propanol, 3-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (9CI) (CA INDEX NAME)

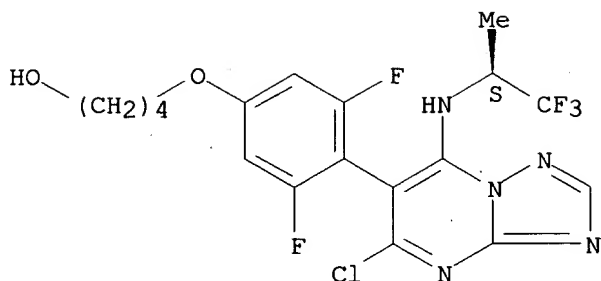
Absolute stereochemistry.



RN 849550-24-9 HCAPLUS

CN 1-Butanol, 4-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (9CI) (CA INDEX NAME)

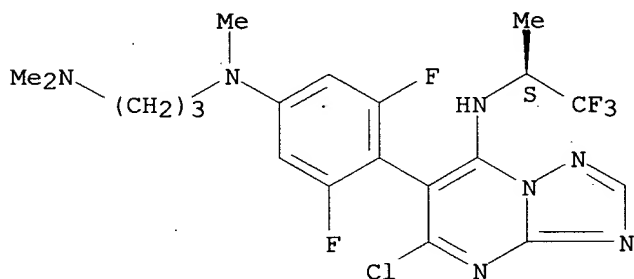
Absolute stereochemistry.



RN 849550-25-0 HCAPLUS

CN 1,3-Propanediamine, N-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

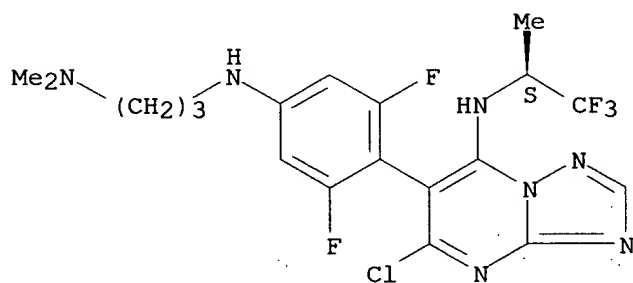
Absolute stereochemistry.



RN 849550-26-1 HCAPLUS

CN 1,3-Propanediamine, N'-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

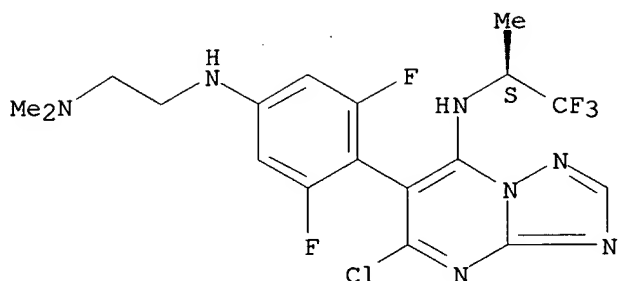
Absolute stereochemistry.



RN 849550-27-2 HCAPLUS

CN 1,2-Ethanediamine, N'-[4-[5-chloro-7-[[(1S)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

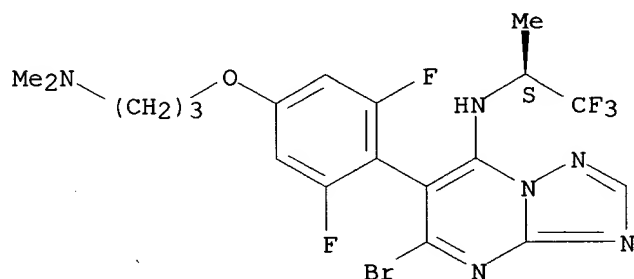
Absolute stereochemistry.



RN 849550-28-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

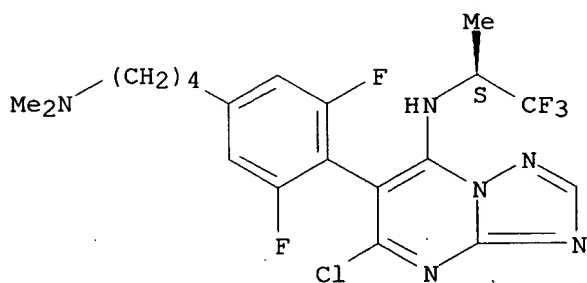
Absolute stereochemistry.



RN 849550-29-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butyl]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

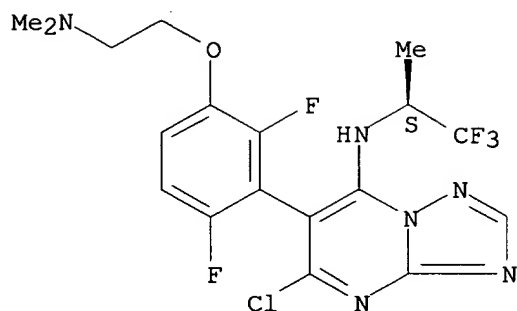


RN 849550-30-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

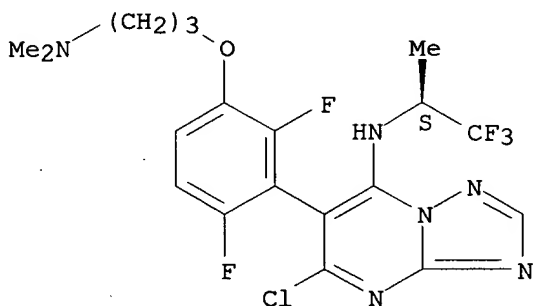
09/ 895,975



RN 849550-31-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

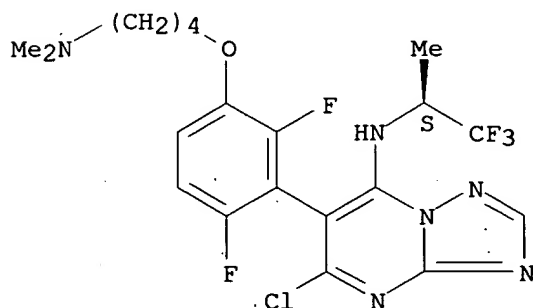
Absolute stereochemistry.



RN 849550-32-9 HCAPLUS

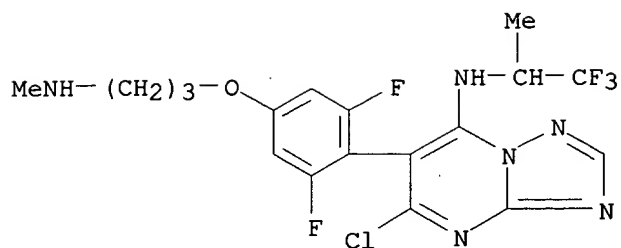
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 849550-37-4 HCAPLUS

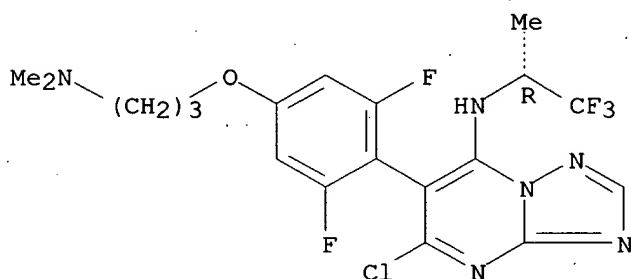
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 849550-38-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

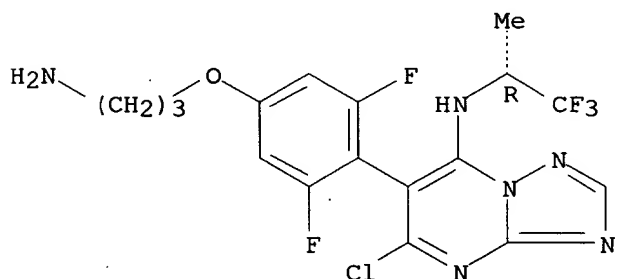
Absolute stereochemistry.



RN 849550-39-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(3-aminopropoxy)-2,6-difluorophenyl]-5-chloro-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

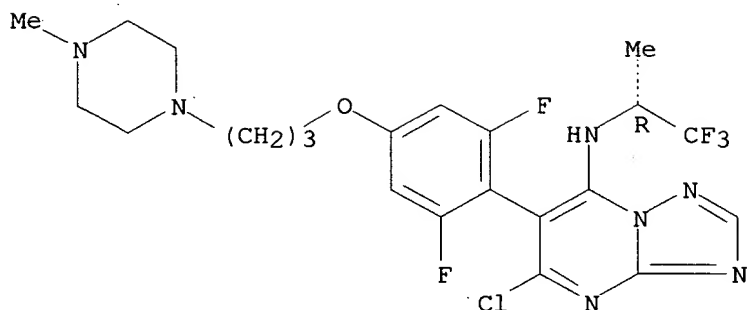
Absolute stereochemistry.



RN 849550-40-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(4-methyl-1-piperazinyl)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

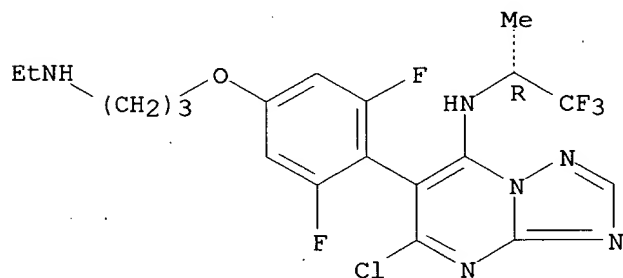
Absolute stereochemistry.



RN 849550-41-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(ethylamino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

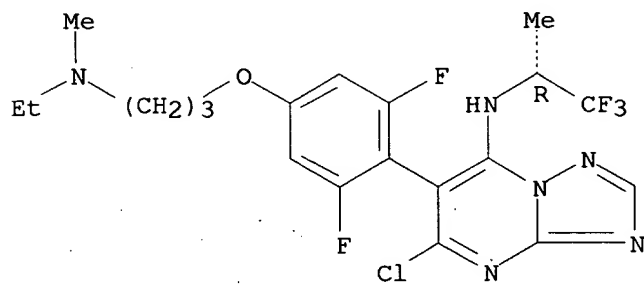
Absolute stereochemistry.



RN 849550-42-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(ethylmethanimino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

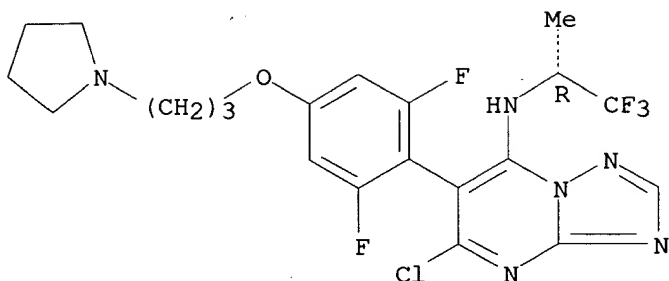
Absolute stereochemistry.



RN 849550-43-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(1-ethylpyrrolidin-1-yl)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

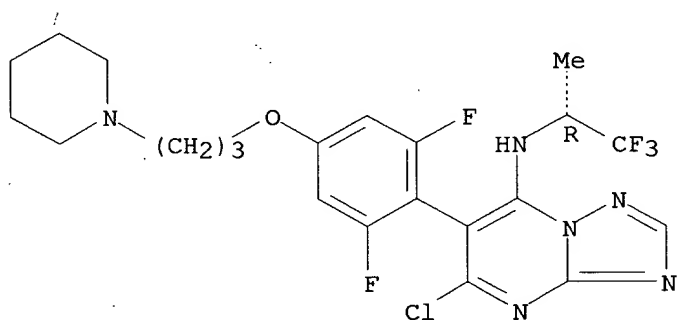
Absolute stereochemistry.



RN 849550-44-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(1-piperidinyl)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI)
(CA INDEX NAME)

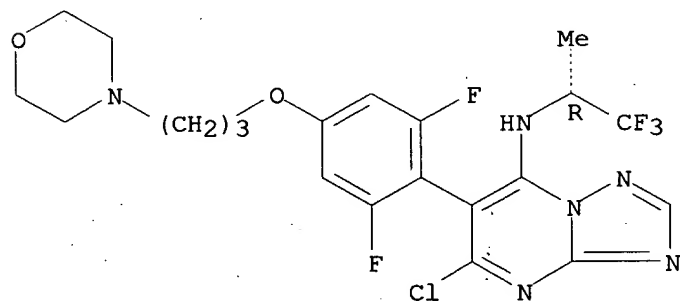
Absolute stereochemistry.



RN 849550-45-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(4-morpholinyl)propoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI)
(CA INDEX NAME)

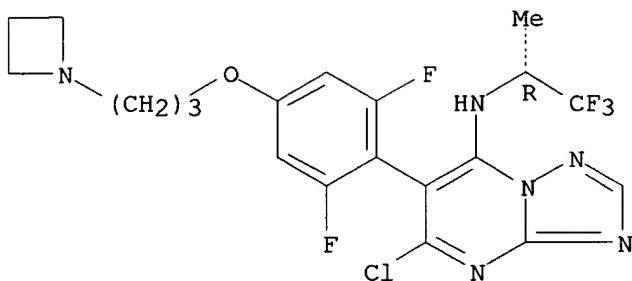
Absolute stereochemistry.



RN 849550-46-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-[3-(1-azetidinyl)propoxy]-2,6-difluorophenyl]-5-chloro-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI)
(CA INDEX NAME)

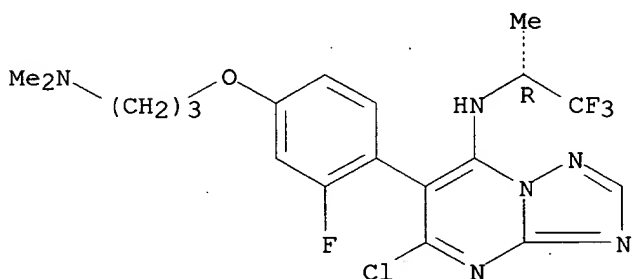
Absolute stereochemistry.



RN 849550-47-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2-fluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

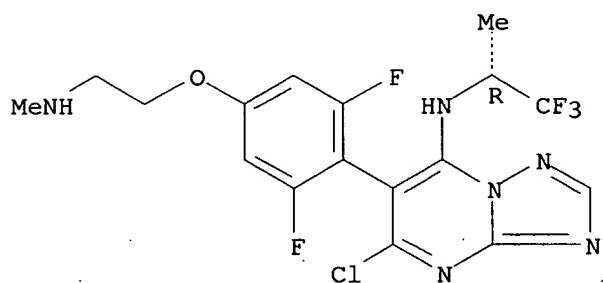
Absolute stereochemistry.



RN 849550-48-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[2-(methylamino)ethoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

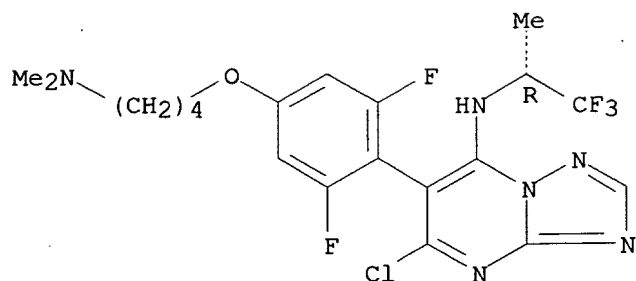
Absolute stereochemistry.



RN 849550-49-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

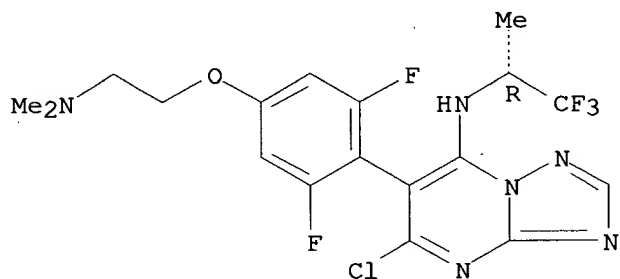
Absolute stereochemistry.



RN 849550-50-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

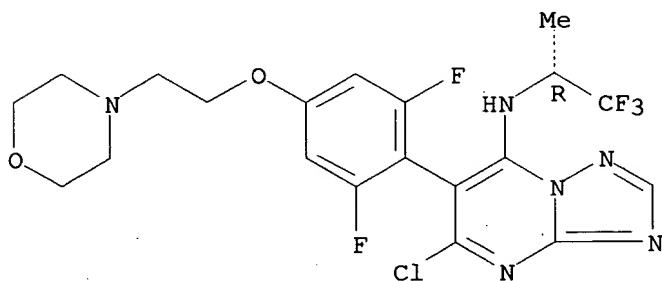
Absolute stereochemistry.



RN 849550-51-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[2-(4-morpholinyl)ethoxy]phenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

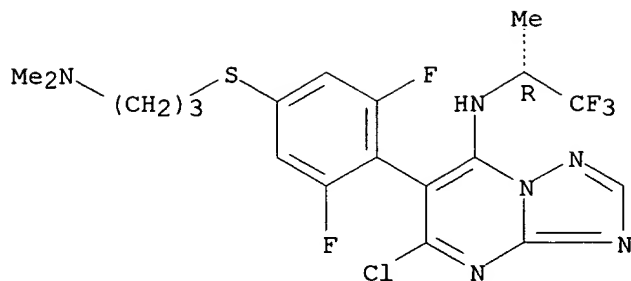
Absolute stereochemistry.



RN 849550-52-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[[3-(dimethylamino)propyl]thio]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

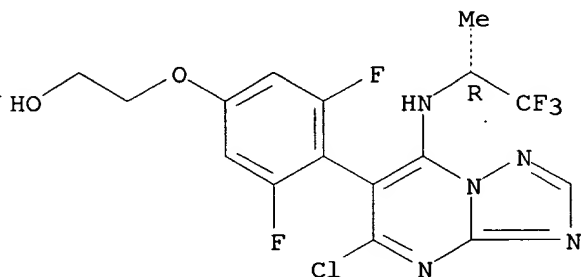
Absolute stereochemistry.



RN 849550-53-4 HCAPLUS

CN Ethanol, 2-[4-[5-chloro-7-[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (9CI) (CA INDEX NAME)

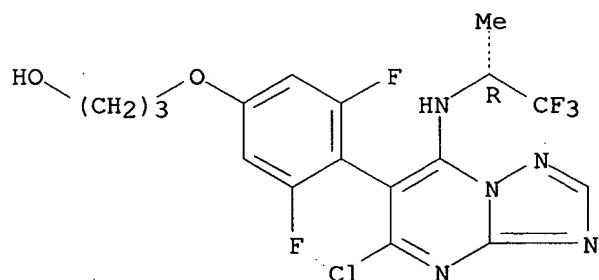
Absolute stereochemistry.



RN 849550-54-5 HCAPLUS

CN 1-Propanol, 3-[4-[5-chloro-7-[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (9CI) (CA INDEX NAME)

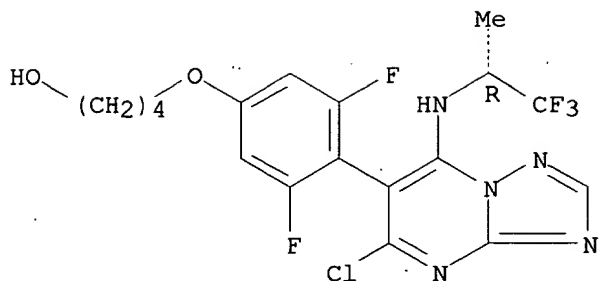
Absolute stereochemistry.



RN 849550-55-6 HCAPLUS

CN 1-Butanol, 4-[4-[5-chloro-7-[(1R)-2,2,2-trifluoro-1-methylethyl]amino][1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenoxy]- (9CI) (CA INDEX NAME)

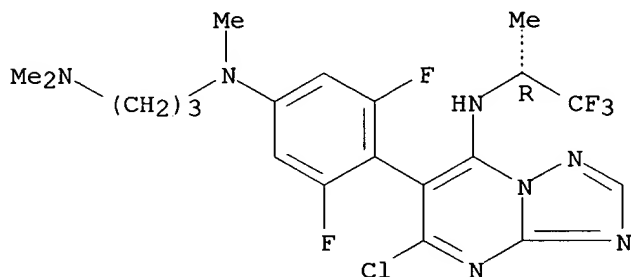
Absolute stereochemistry.



RN 849550-56-7 HCAPLUS

CN 1,3-Propanediamine, N-[4-[5-chloro-7-[[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N',N'-trimethyl- (9CI) (CA INDEX NAME)

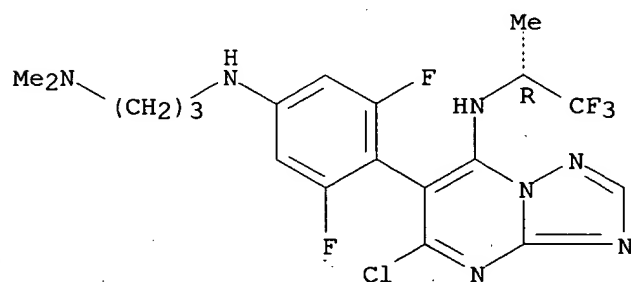
Absolute stereochemistry.



RN 849550-57-8 HCAPLUS

CN 1,3-Propanediamine, N'-[4-[5-chloro-7-[[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

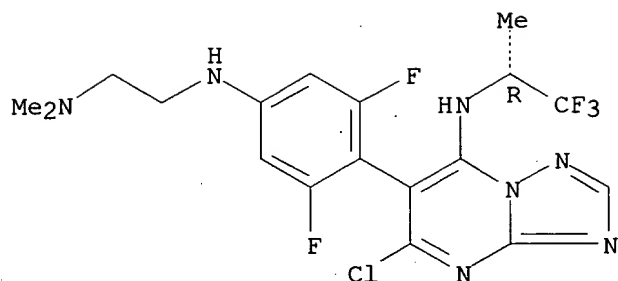
Absolute stereochemistry.



RN 849550-58-9 HCAPLUS

CN 1,2-Ethanediamine, N'-[4-[5-chloro-7-[[1,2,4]triazolo[1,5-a]pyrimidin-6-yl]-3,5-difluorophenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)

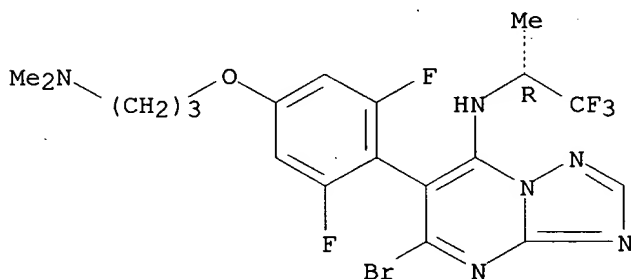
Absolute stereochemistry.



RN 849550-59-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

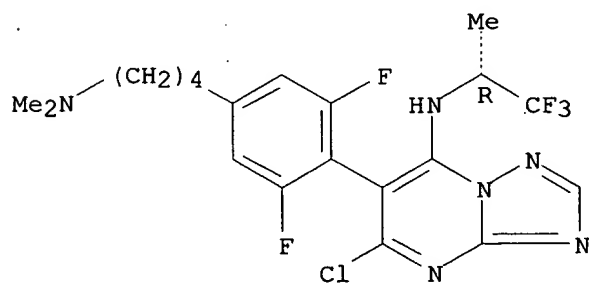
Absolute stereochemistry.



RN 849550-60-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[4-(dimethylamino)butyl]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

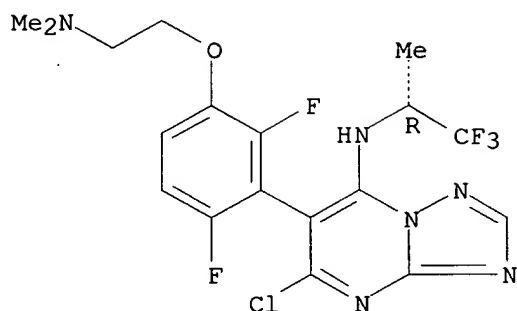
Absolute stereochemistry.



RN 849550-61-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[2-(dimethylamino)ethoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

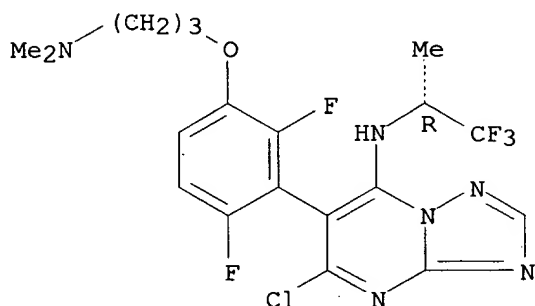
Absolute stereochemistry.



RN 849550-62-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

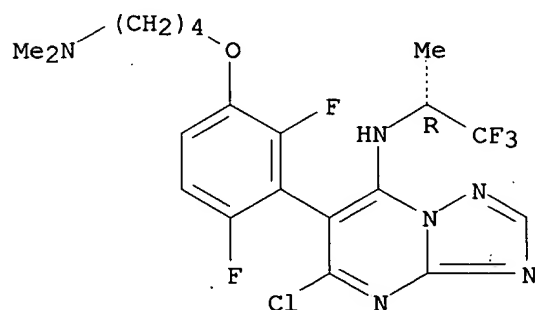
Absolute stereochemistry.



RN 849550-63-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[3-[4-(dimethylamino)butoxy]-2,6-difluorophenyl]-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

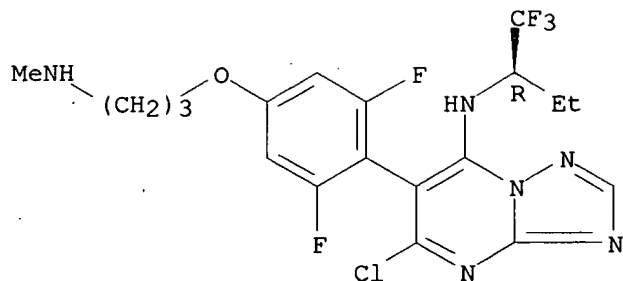
Absolute stereochemistry.



RN 849550-64-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(1R)-1-(trifluoromethyl)propyl]- (9CI) (CA INDEX NAME)

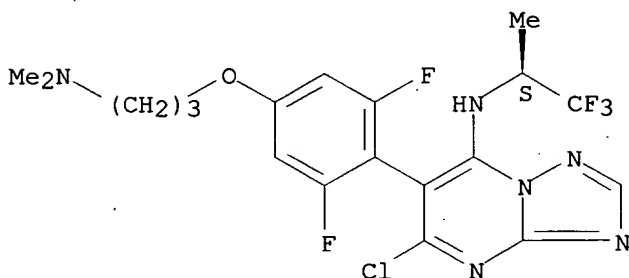
Absolute stereochemistry.



RN 849550-70-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[3-(dimethylamino)propoxy]-2,6-difluorophenyl]-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-, hydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



●x HCl

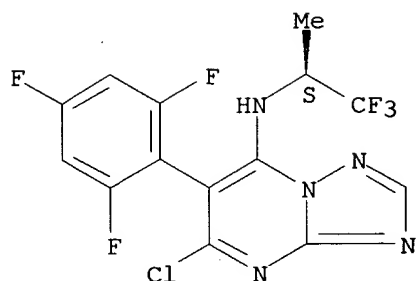
IT 249648-16-6P, 5-Chloro-6-(2,4,6-trifluorophenyl)-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
 849550-72-7P, 5-Bromo-6-(2,4,6-trifluorophenyl)-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
 849550-78-3P, 5-Chloro-6-(2,3,6-trifluorophenyl)-N-((1S)-2,2,2-trifluoro-1-methylethyl)-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 6-[(substituted)phenyl]triazolopyrimidines as tubulin polymerization promoters as anticancer agents for tumors expressing multiple drug resistance (MDR) or resistance because of MDR)

RN 249648-16-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

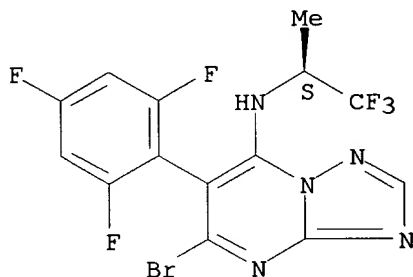
Absolute stereochemistry.



RN 849550-72-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

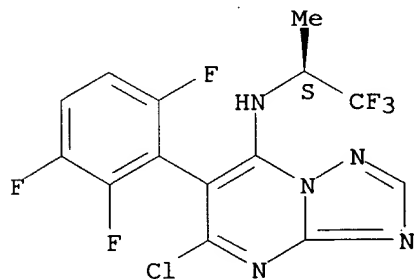
Absolute stereochemistry.



RN 849550-78-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:300260 HCAPLUS

DOCUMENT NUMBER: 142:373857

TITLE: Preparation of 5-arylpyrimidines as anticancer agents

INVENTOR(S): Zhang, Nan; Ayrál-Kaloustian, Semiramis; Nguyen, Thai Hiep

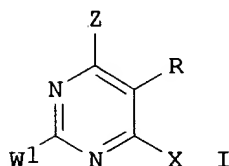
PATENT ASSIGNEE(S): Wyeth Holdings Corporation, USA

SOURCE: PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005030216	A1	20050407	WO 2004-US30682	20040917
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004275733	A1	20050407	AU 2004-275733	20040917
CA 2539235	A1	20050407	CA 2004-2539235	20040917
EP 1663241	A1	20060607	EP 2004-784529	20040917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004014736	A	20061121	BR 2004-14736	20040917
CN 1871009	A	20061129	CN 2004-80031581	20040917
US 2005075357	A1	20050407	US 2004-950375	20040924
NO 2006001319	A	20060420	NO 2006-1319	20060323
PRIORITY APPLN. INFO.:			US 2003-505487P	P 20030924
			WO 2004-US30682	W 20040917
OTHER SOURCE(S):	MARPAT 142:373857			
GI				



AB This invention relates to certain 5-arylpyrimidine compds. I [Z = NHCHR₁R₅, cycloalkyl; R = substituted Ph; X = Cl, Br; W₁ = NHR₆, N(CN)R₆, aryl; R₁ = H, alkyl; R₅ = CF₃, C₂F₅; R₆ = alkyl] or a pharmaceutically acceptable salt thereof, and compns. containing said compds. or a pharmaceutically acceptable salt thereof, wherein said compds. are anti-cancer agents useful for the treatment of cancer in mammals (biol. data given). Over thirty examples describe the synthesis of compds. I. E.g., a multi-step synthesis of I [Z = NHCH₂CF₃; R = 2,4,6-F₃C₆H₂; X = Cl; W₁ = N(CN)Me], starting from 5,7-dichloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidine and 2,2,2-trifluoroethylamine, was given. This invention further relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal and further provides a method for the treatment or prevention of cancerous tumors that express multiple drug resistance (MDR) or are resistant because of MDR, in a mammal in need thereof which method

comprises administering to said mammal an effective amount of the compds. I or a pharmaceutically acceptable salt thereof. More specifically, the present invention relates to a method of treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof by promotion of microtubule polymerization which comprises

administering to said mammal an effective amount of the compds. I and pharmaceutically acceptable salts thereof.

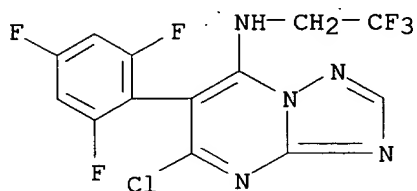
IT 214633-89-3P, 5-Chloro-6-(2,4,6-trifluorophenyl)-N-(2,2,2-trifluoroethyl) [1,2,4]triazolo[1,5-a]pyrimidin-7-amine

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 5-arylpyrimidines as anticancer agents)

RN 214633-89-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:31452 HCAPLUS

DOCUMENT NUMBER: 136:96032

TITLE: Substituted triazolopyrimidines as anticancer agents

INVENTOR(S): Schmitt, Mark R.; Kirsch, Donald R.; Harris, Jane E.; Beyer, Carl F.; Pees, Klaus-Juergen; Carter, Paul; Pfrengle, Waldemar; Albert, Guido

PATENT ASSIGNEE(S): American Home Products Corporation, USA

SOURCE: PCT Int. Appl., 405 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002002563	A2	20020110	WO 2001-US20672	20010628
WO 2002002563	A3	20030103		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2413802	A1	20020110	CA 2001-2413802	20010628
BR 2001012038	A	20030401	BR 2001-12038	20010628
EP 1307200	A2	20030507	EP 2001-952295	20010628

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

HU 200300798 A2 20030728 HU 2003-798 20010628
JP 2004502691 T 20040129 JP 2002-507815 20010628
NZ 523807 A 20040924 NZ 2001-523807 20010628
CN 1592624 A 20050309 CN 2001-812055 20010628
US 2002068744 A1 20020606 US 2001-895975 20010629
BG 107277 A 20040130 BG 2002-107277 20021115
NO 2002006195 A 20030227 NO 2002-6195 20021223
IN 2003KN00001 A 20050311 IN 2003-KN1 20030101
ZA 2003000793 A 20040720 ZA 2003-793 20030129

PRIORITY APPLN. INFO.:

US 2000-215585P P 20000630
WO 2001-US20672 W 20010628
US 2002-215585P P 20020630

OTHER SOURCE(S): MARPAT 136:96032

AB A method is provided for treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof which comprises administering to the mammal an effective amount of a substituted triazolopyrimidine derivative or a pharmaceutically acceptable salt thereof. Also provided is a method for treating or inhibiting the growth of cancerous tumor cells and associated diseases in a mammal in need thereof by interacting with tubulin and microtubules and promoting microtubule polymerization which comprises administering to the mammal an effective amount of a substituted triazolopyrimidine derivative or a pharmaceutically acceptable salt thereof.

IT 150987-15-8 150987-46-5 150987-48-7
150987-75-0 150988-06-0 150988-18-4
150988-20-8 150988-28-6 214633-87-1
214633-88-2 214633-90-6 214633-92-8
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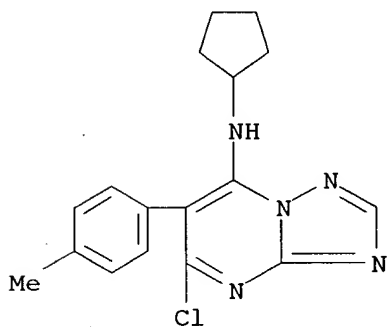
Applx
Pb Pub

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 388061-56-1 388061-57-2 388061-58-3
 388061-59-4 388061-60-7 388061-61-8
 388061-62-9

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU
 (Therapeutic use); BIOL (Biological study); USES (Uses) ,
 (triazolopyrimidine derivs. as anticancer agents)

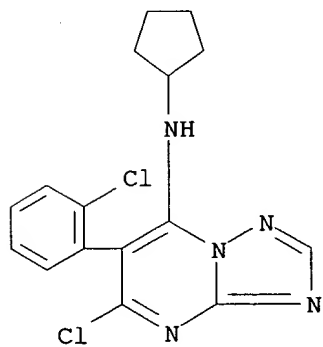
RN 150987-15-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-methylphenyl)- (9CI) (CA INDEX NAME)



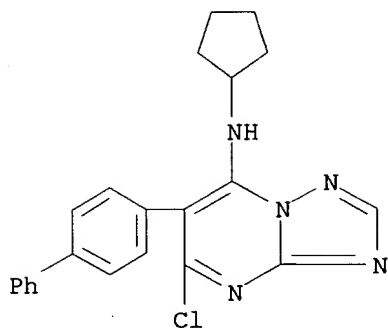
RN 150987-46-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-cyclopentyl- (9CI) (CA INDEX NAME)



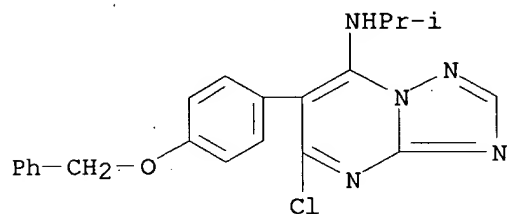
RN 150987-48-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[1,1'-biphenyl]-4-yl-5-chloro-N-cyclopentyl- (9CI) (CA INDEX NAME)



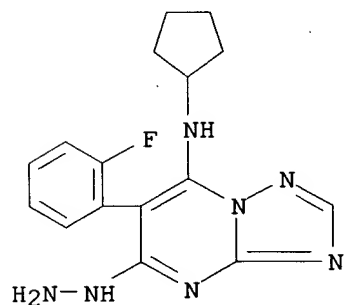
RN 150987-75-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



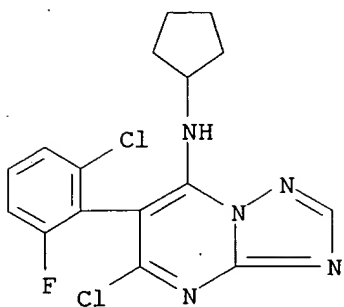
RN 150988-06-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-5(1H)-one, 7-(cyclopentylamino)-6-(2-fluorophenyl)-, hydrazone (9CI) (CA INDEX NAME)



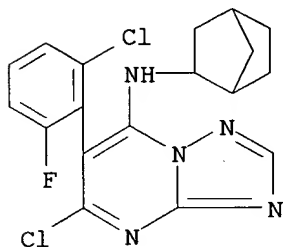
RN 150988-18-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-cyclopentyl- (9CI) (CA INDEX NAME)



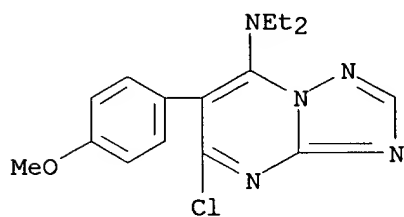
RN 150988-20-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chloro-6-fluorophenyl)- (9CI) (CA INDEX NAME)



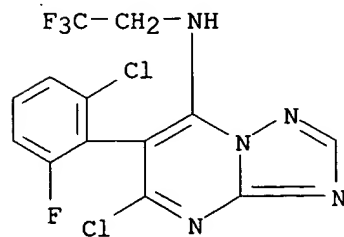
RN 150988-28-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 214633-87-1 HCAPLUS

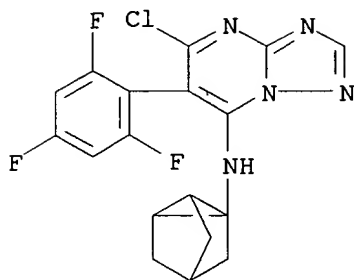
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 214633-88-2 HCAPLUS

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NAME)



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5883918 PY>2001

L6 15 L5 NOT PY>2001

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YOU HAVE REQUESTED DATA FROM 15 ANSWERS - CONTINUE? Y/(N):y

L6 ANSWER 1 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:719089 HCAPLUS

DOCUMENT NUMBER: 135:253253

TITLE: Fungicidal trifluorophenyl-triazolopyrimidines

INVENTOR(S): Pees, Klaus-juergen; Albert, Guido

PATENT ASSIGNEE(S): American Cyanamid Co., USA

SOURCE: U.S., 11 pp.

CODEN: USXXAM

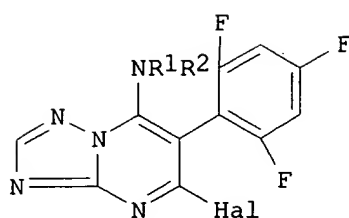
DOCUMENT TYPE: Patent

LANGUAGE: English

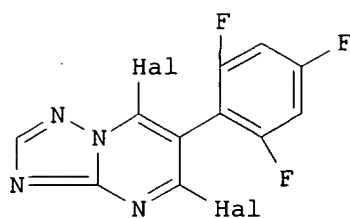
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6297251	B1	20011002	US 1999-457250	19991208
PRIORITY APPLN. INFO.:			US 1999-457250	19991208
OTHER SOURCE(S):	MARPAT	135:253253		
GI				



I



II

AB The compds. I [R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl, or heterocyclyl other than (un)substituted 2,2,2-trifluoroethyl, or R1 and R2 with interjacent N = (un)substituted heterocyclic ring; Hal = halo, provided that Hal is other than Cl when R1 = (un)branched C1-6alkyl or C3-6cycloalkyl, and R2 = H, or when R1 and R2 with interjacent N = (un)substituted piperidine] are used as active ingredients in selective fungicidal compns., which also comprise a carrier. The compds. I are prepared by treating the compds. II (Hal = halo) with an amine (R1)(R2)NH (R1, R2 as defined above).

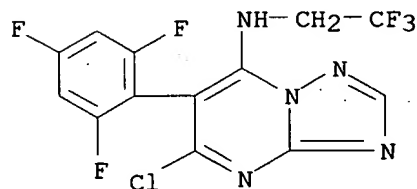
IT 214633-89-3P 214633-94-0P 214633-98-4P
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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(fungicidal trifluorophenyl-triazolopyrimidines)

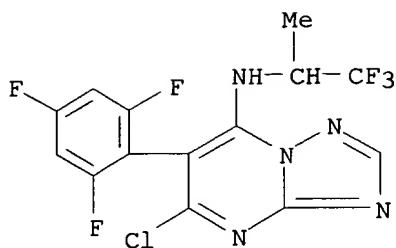
RN 214633-89-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



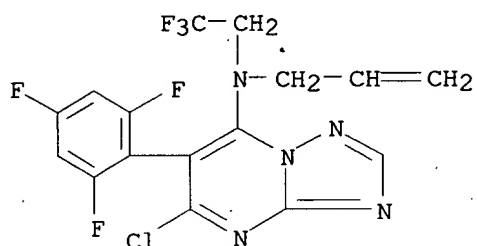
RN 214633-94-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



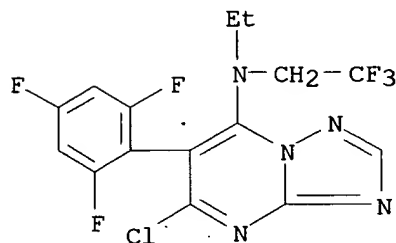
RN 214633-98-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-propenyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



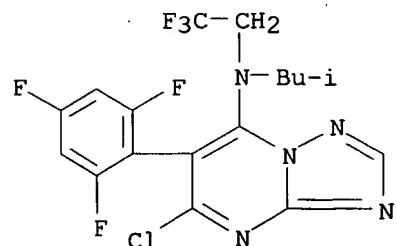
RN 214634-06-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



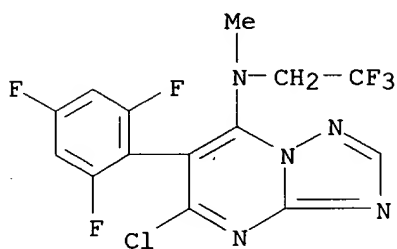
RN 214634-13-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



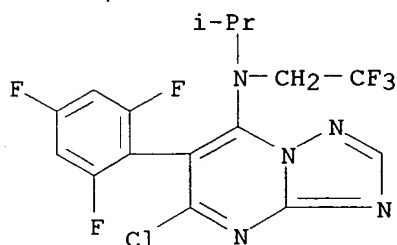
RN 214634-17-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



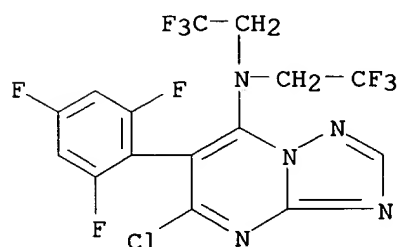
RN 214634-21-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



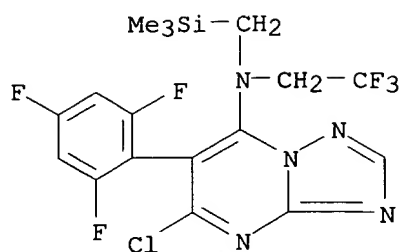
RN 214634-29-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-bis(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

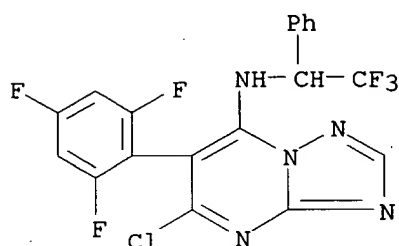


RN 214634-31-8 HCAPLUS

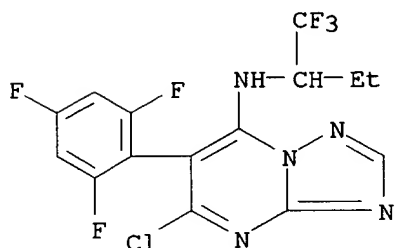
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (9CI) (CA INDEX NAME)



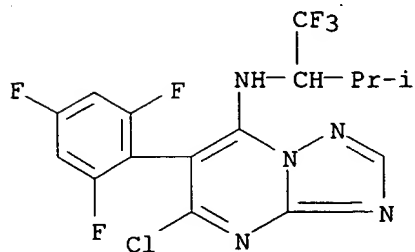
RN 214634-42-1 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(2,2,2-trifluoro-1-phenylethyl)- (9CI) (CA INDEX NAME)



RN 214634-43-2 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



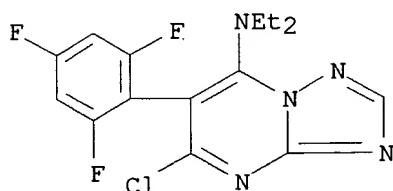
RN 214634-48-7 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214706-52-2 HCAPLUS

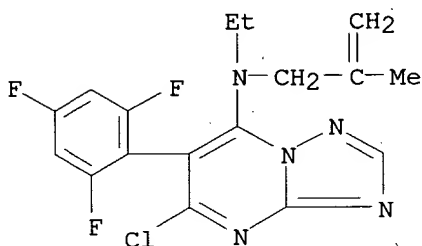
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



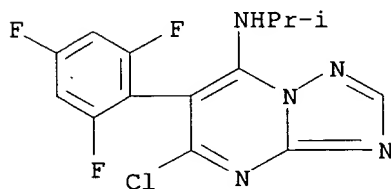
RN 214706-54-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



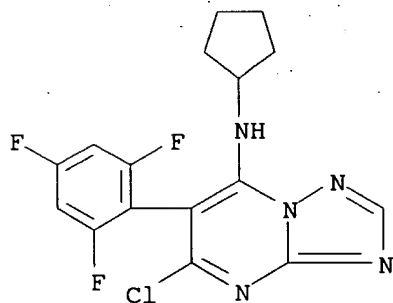
RN 214706-56-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214706-57-7 HCAPLUS

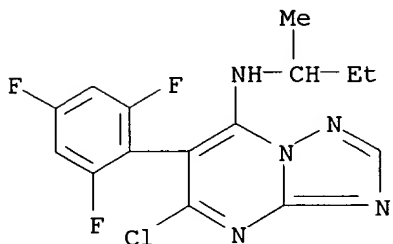
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



09/ 895,975

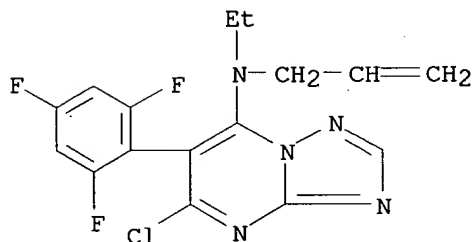
RN 214706-58-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



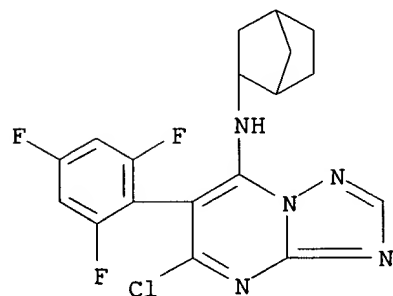
RN 214706-61-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



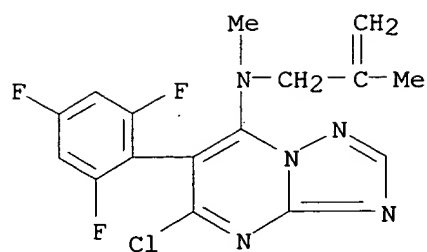
RN 214706-62-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



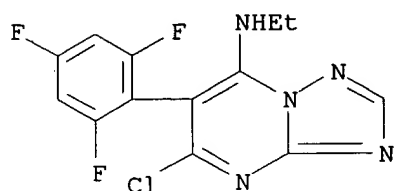
RN 214706-64-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



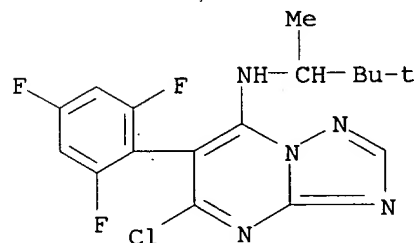
RN 214706-65-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



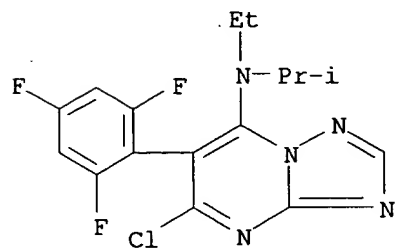
RN 214706-66-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (9CI) (CA INDEX NAME)



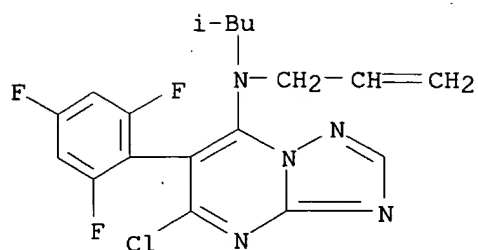
RN 214706-67-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



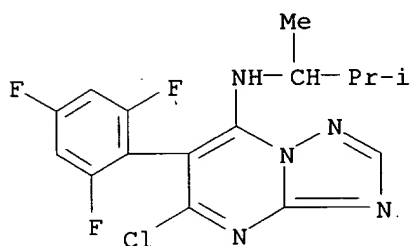
RN 214706-68-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



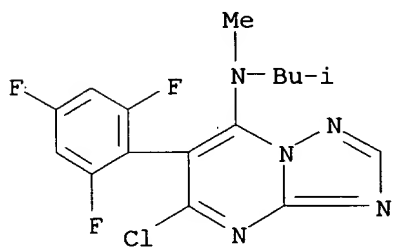
RN 214706-69-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



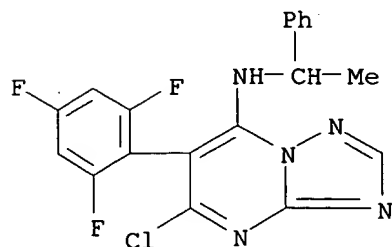
RN 214706-70-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214706-71-5 HCAPLUS

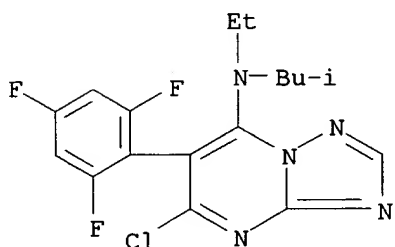
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-phenylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



09/ 895,975

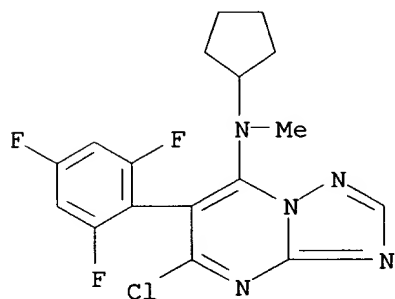
RN 214706-72-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



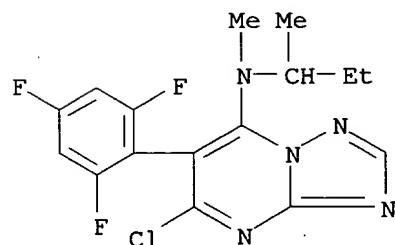
RN 214706-73-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-N-methyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



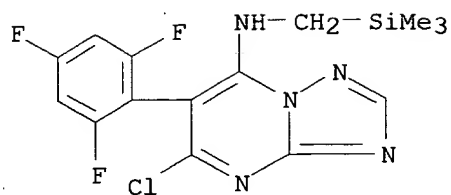
RN 214706-74-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



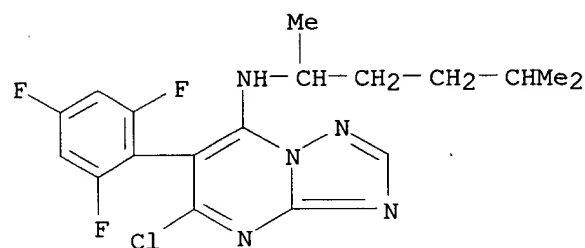
RN 214706-75-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (9CI) (CA INDEX NAME)



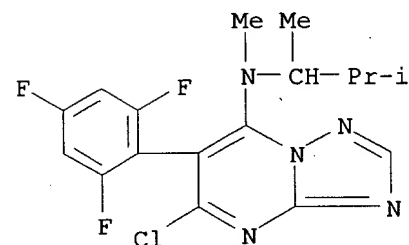
RN 214706-76-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,4-dimethylpentyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



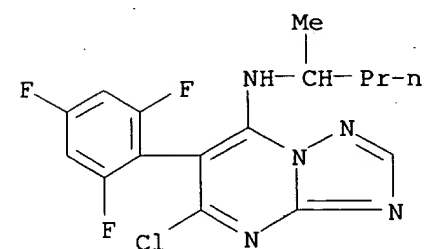
RN 214706-77-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-N-methyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



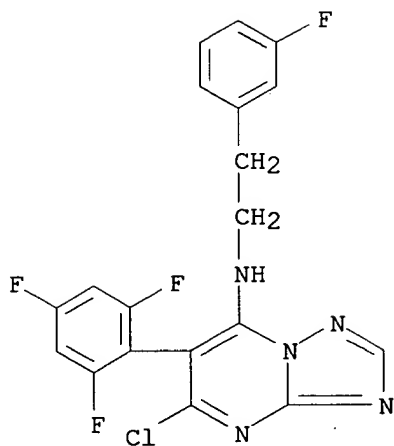
RN 214706-78-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylbutyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



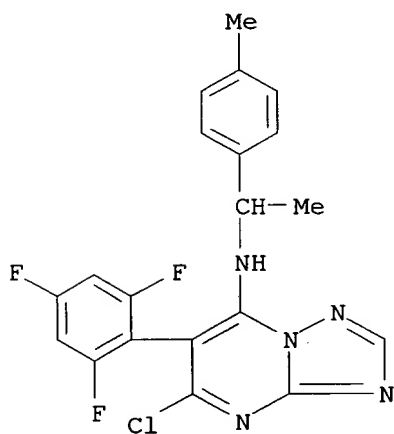
RN 214706-81-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(3-fluorophenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



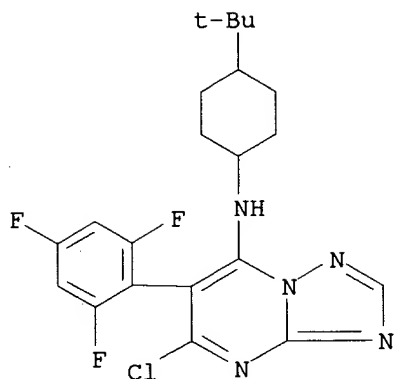
RN 214706-82-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(4-methylphenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



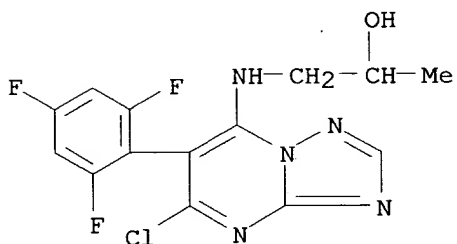
RN 214706-83-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[4-(1,1-dimethylethyl)cyclohexyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



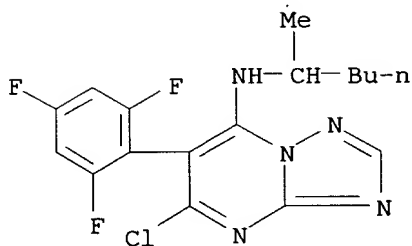
RN 214706-85-1 HCAPLUS

CN 2-Propanol, 1-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (9CI) (CA INDEX NAME)



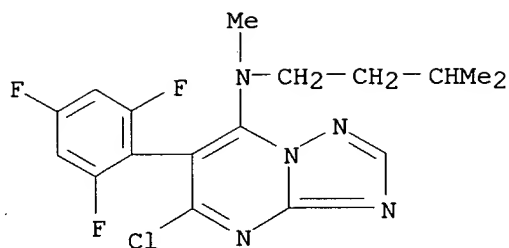
RN 214706-87-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpentyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



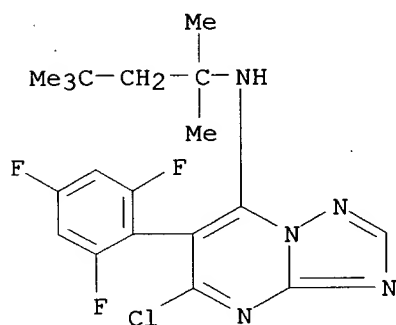
RN 214706-89-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(3-methylbutyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



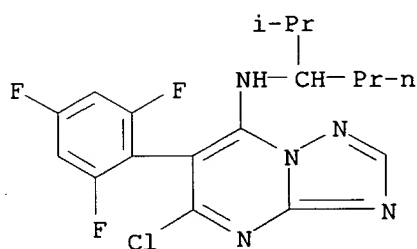
RN 214706-90-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,1,3,3-tetramethylbutyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



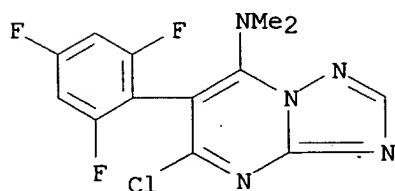
RN 214706-91-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(1-methylethyl)butyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



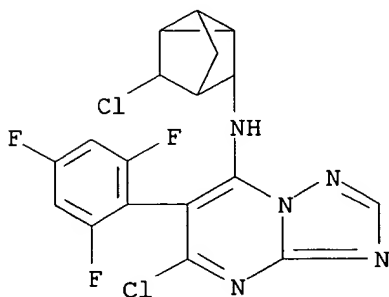
RN 214706-93-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-dimethyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 293310-89-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(5-chlorotricyclo[2.2.1.0^{2,6}]hept-3-yl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:657149 HCAPLUS

DOCUMENT NUMBER: 135:314860

TITLE: Identification of novel potent inhibitors for ATP-phosphoribosyl transferase using three-dimensional structural database search technique

AUTHOR(S): Gohda, Keigo; Ohta, Daisaku; Kozaki, Akiko; Fujimori, Ko; Mori, Ichiro; Kikuchi, Takeshi

CORPORATE SOURCE: International Research Laboratories, CIBA-GEIGY Japan Ltd., Takarazuka, 665, Japan

SOURCE: Quantitative Structure-Activity Relationships (2001), 20(2), 143-147

CODEN: QSARDI; ISSN: 0931-8771

PUBLISHER: Wiley-VCH Verlag GmbH

DOCUMENT TYPE: Journal

LANGUAGE: English

AB We identified new potent inhibitors for ATP-phosphoribosyl transferase, which is the first enzyme in histidine biosynthesis pathway, using three-dimensional database search (3D-search) technique. The 3D-search was based on the structure of product mol., N-1-(5'-phosphoribosyl)-ATP, as a template to find mols. targeting to the binding sites of two substrates (ATP and 5'-phosphoribosyl-1-pyrophosphate), i.e., bi-substrate mimicking. Four com.-available compds. with three different chemical classes were examined out of 36 low-mol. weight compds. selected from the hits of the searches. Amino(chlorophenyl)triazolopyrimidine compds., which are the simplest and smallest ones, showed potent activity (e.g., 92% inhibition at 100 μ M). The structural comparison with the product mol. suggests that the simultaneous occupation of two substrate-binding sites likely enhances the enzyme inhibition. The most potent compound examined in this study was a disulfide-bond containing mol. (IC₅₀ = 50 nM), whose mode of action seems to be different from the others.

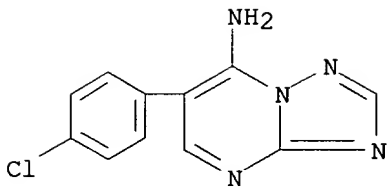
IT 85841-26-5 338394-84-6

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

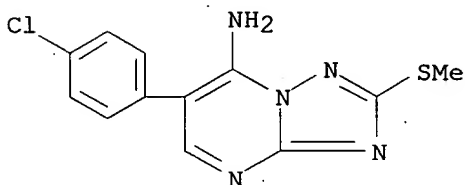
(identification of ATP-phosphoribosyl transferase inhibitors, using three-dimensional structural database search technique)

RN 85841-26-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



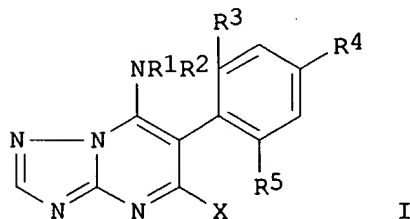
RN 338394-84-6 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-chlorophenyl)-2-(methylthio)-
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2001:410426 HCAPLUS
 DOCUMENT NUMBER: 135:15432
 TITLE: Fungicidal trihalophenyl-triazolopyrimidines
 INVENTOR(S): Pees, Klaus-juergen
 PATENT ASSIGNEE(S): Germany
 SOURCE: U.S., 10 pp., Cont.-in-part of U.S. Ser. No. 160,568.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6242451	B1	20010605	US 1999-405413	19990924
US 5985883	A	19991116	US 1998-160568	19980925
PRIORITY APPLN. INFO.:			US 1998-101764P	P 19980925
			US 1998-160568	A2 19980925
OTHER SOURCE(S):	MARPAT 135:15432			
GI				



AB Trihalophenyl-triazolopyrimidines I (R1, R2 = H, or an optionally

substituted alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl or heterocyclyl group, or R1 and R3 together with the interjacent nitrogen atom represent an optionally substituted heterocyclic ring; R3, R4, R5 = F, Cl, provided that at least one of R3, R4 and R5 is Cl; X = halogen atom.) showing selective fungicidal activity, in particular against rice blast disease, are prepared. The new compds. are processed with carriers and, optionally, an adjuvant to provide fungicidal compns.

IT 249890-96-8P 249890-97-9P 249890-98-0P

249891-00-7P 249891-02-9P 249891-04-1P

249891-05-2P 249891-06-3P 329911-40-2P

343252-72-2P 343252-73-3P 343252-74-4P

343252-75-5P 343252-76-6P 343252-77-7P

343252-78-8P 343252-79-9P 343252-81-3P

343252-82-4P 343252-83-5P 343252-84-6P

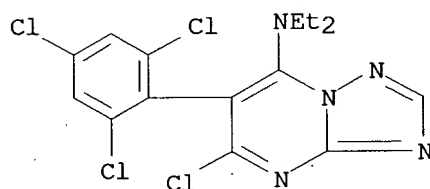
343252-85-7P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of fungicidal trihalophenyl-triazolopyrimidines)

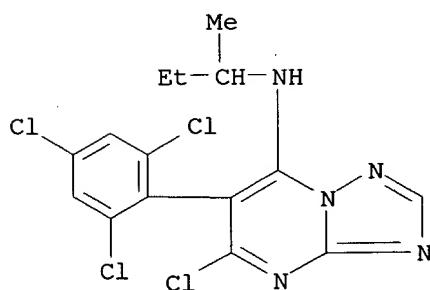
RN 249890-96-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 249890-97-9 HCAPLUS

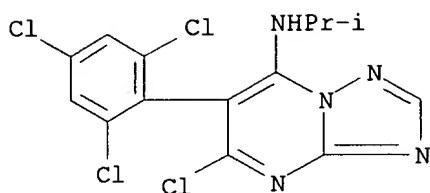
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 249890-98-0 HCAPLUS

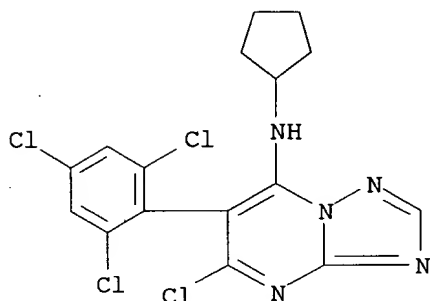
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)

09/ 895,975



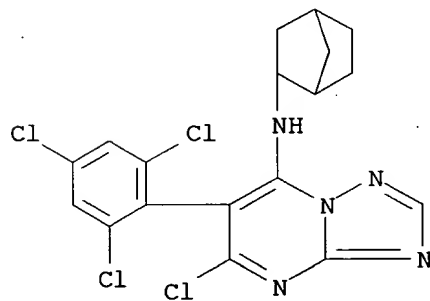
RN 249891-00-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



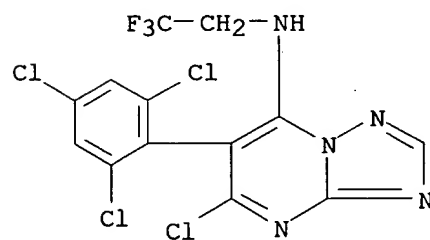
RN 249891-02-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 249891-04-1 HCAPLUS

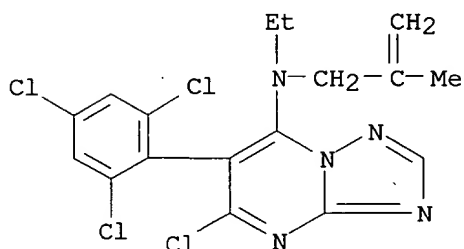
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trichlorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



09/ 895,975

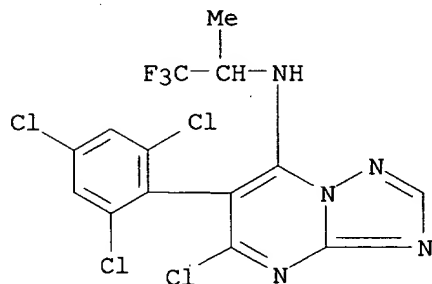
RN 249891-05-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



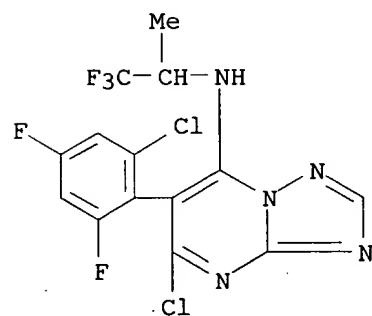
RN 249891-06-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trichlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



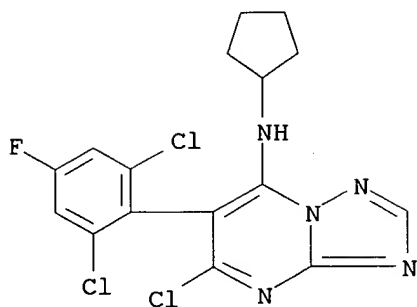
RN 329911-40-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



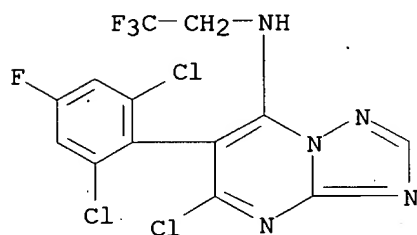
RN 343252-72-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,6-dichloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



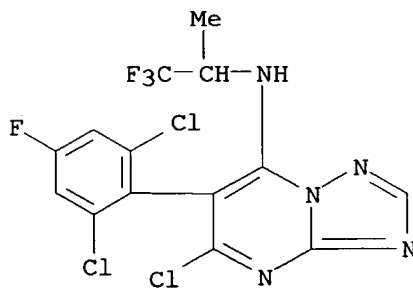
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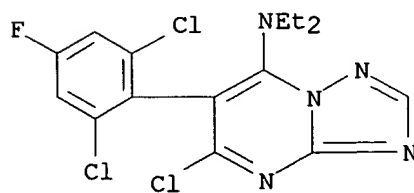
RN 343252-74-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 343252-75-5 HCAPLUS

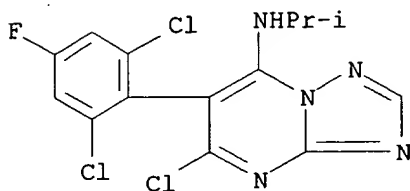
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N,N-diethyl- (9CI) (CA INDEX NAME)



RN 343252-76-6 HCAPLUS

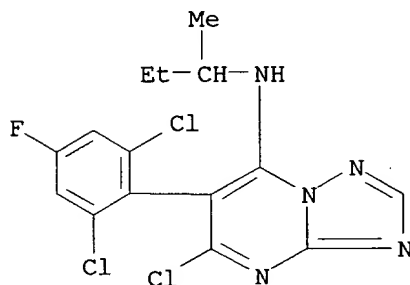
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



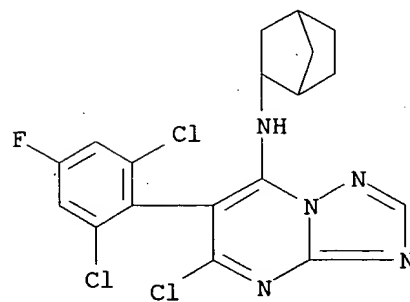
RN 343252-77-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-dichloro-4-fluorophenyl)-N-(1-methylpropyl)- (9CI) (CA INDEX NAME)



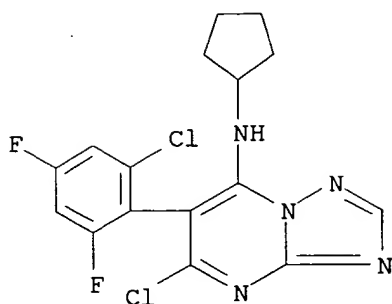
RN 343252-78-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,6-dichloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



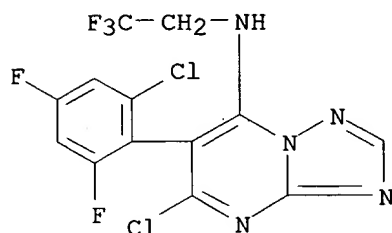
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-cyclopentyl- (9CI) (CA INDEX NAME)



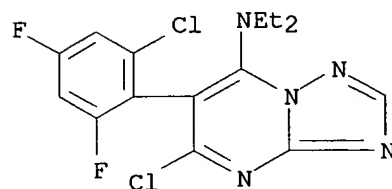
RN 343252-81-3 HCAPLUS

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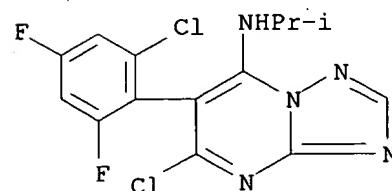
RN 343252-82-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N,N-diethyl- (9CI) (CA INDEX NAME)



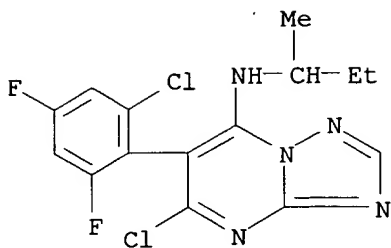
RN 343252-83-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



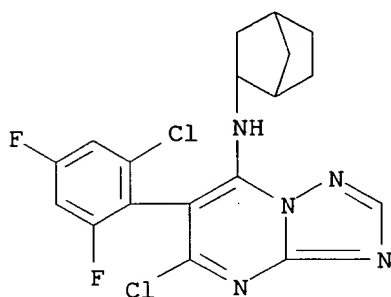
RN 343252-84-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-(1-methylpropyl)- (9CI) (CA INDEX NAME)



RN 343252-85-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chloro-4,6-difluorophenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT.

L6 ANSWER 4 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:195201 HCAPLUS

DOCUMENT NUMBER: 134:233069

TITLE: Preparation of optically active fungicidal

trifluoromethylalkylamino-triazolopyrimidines

INVENTOR(S): Pfrengle, Waldemar; Pees, Klaus-Juergen; Albert, Guido; Carter, Paul; Rehnig, Annerose; Cotter, Henry Van Tuyl

PATENT ASSIGNEE(S): American Cyanamid Co., USA

SOURCE: U.S., 11 pp., Cont.-in-part of U.S. 5,986,135.

CODEN: USXXAM

DOCUMENT TYPE: Patent

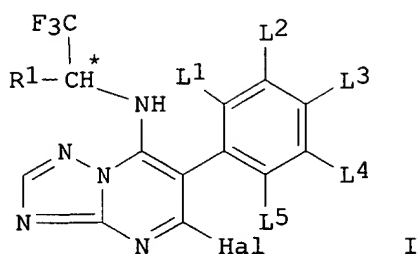
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6204269	B1	20010320	US 1999-406574	19990924
US 5986135	A	19991116	US 1998-160894	19980925
PRIORITY APPLN. INFO.:			US 1998-160894	A2 19980925
OTHER SOURCE(S):	MARPAT	134:233069		

GI



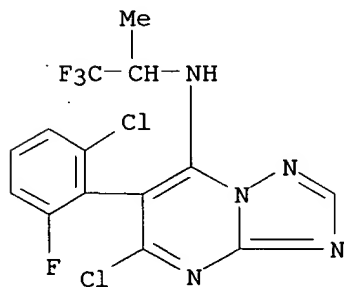
AB Optically active 7-(1,1,1-trifluoroalk-2-ylamino)-triazolopyrimidines I (R1 = C2-C6 alkyl; CH* = chiral carbon atom; Hal = halo; L1-L5 = H, halo, alkyl, alkoxy, or nitro), characterized in that the enantiomeric excess of the (S)-enantiomer is at least 70%, are prepared and show enhanced selective fungicidal activity against phytopathogenic fungi. The new compds. are processed with carriers, and optionally with adjuvants, to form fungicidal compns.

IT 214633-92-8P 214633-93-9P 214633-94-0P
 214633-95-1P 214633-96-2P 214633-97-3P
 214634-32-9P 214634-38-5P 214634-40-9P
 214634-43-2P 214634-44-3P 214634-45-4P
 214634-48-7P 214634-49-8P 214634-53-4P
 214634-55-6P 329911-38-8P 329911-39-9P
 329911-40-2P 329911-41-3P 329911-42-4P
 329911-43-5P 329911-44-6P 329911-45-7P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of fungicidal optically active enantiomers of)

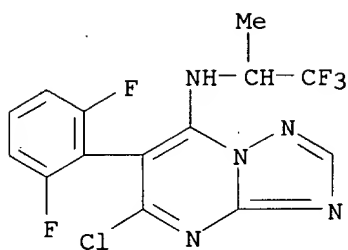
RN 214633-92-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



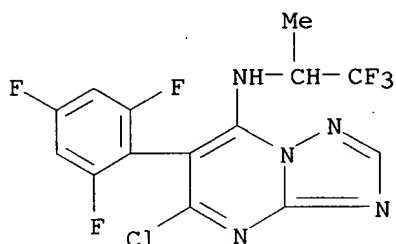
RN 214633-93-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



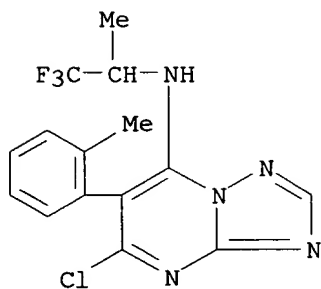
RN 214633-94-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



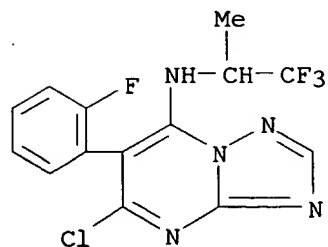
RN 214633-95-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-methylphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 214633-96-2 HCAPLUS

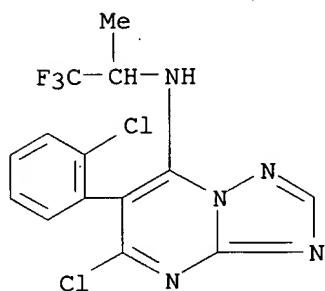
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



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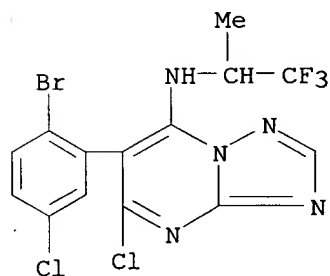
RN 214633-97-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



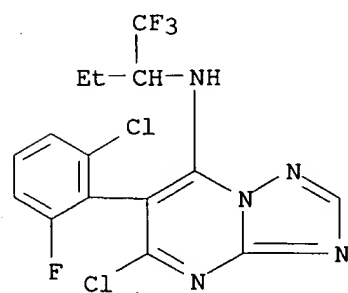
RN 214634-32-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-5-chlorophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



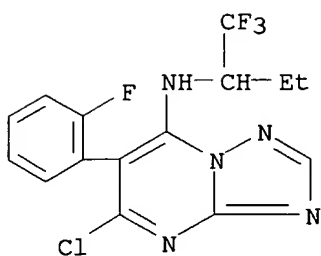
RN 214634-38-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[1-(trifluoromethyl)propyl]- (9CI) (CA INDEX NAME)



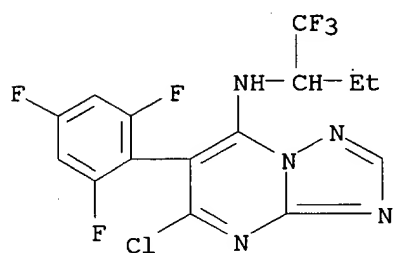
RN 214634-40-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-[1-(trifluoromethyl)propyl]- (9CI) (CA INDEX NAME)



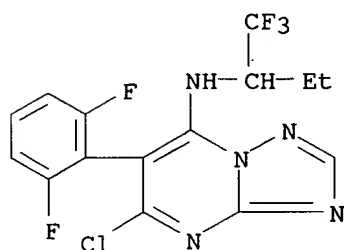
RN 214634-43-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



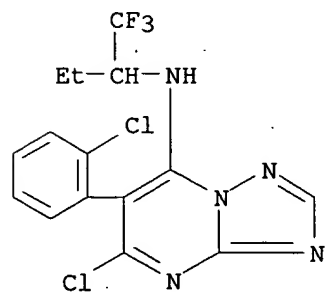
RN 214634-44-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluorophenyl)-N-[1-(trifluoromethyl)propyl]- (9CI) (CA INDEX NAME)



RN 214634-45-4 HCAPLUS

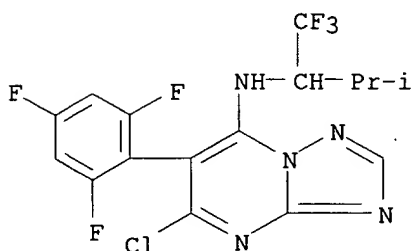
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[1-(trifluoromethyl)propyl]- (9CI) (CA INDEX NAME)



09/ 895,975

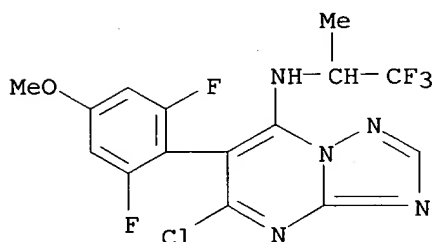
RN 214634-48-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



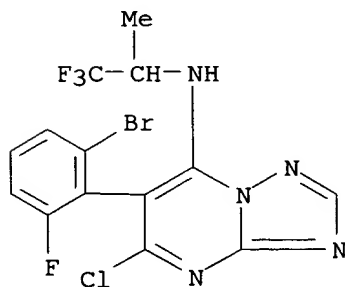
RN 214634-49-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



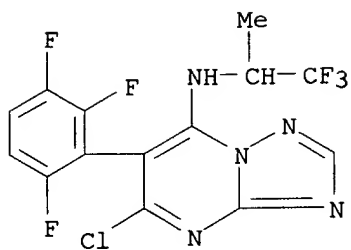
RN 214634-53-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromo-6-fluorophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



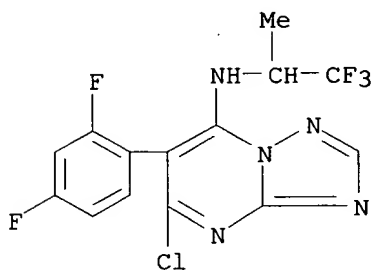
RN 214634-55-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



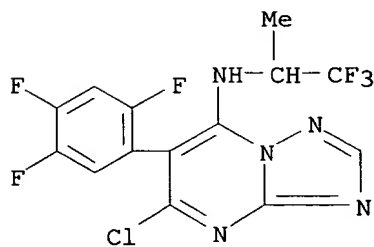
RN 329911-38-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



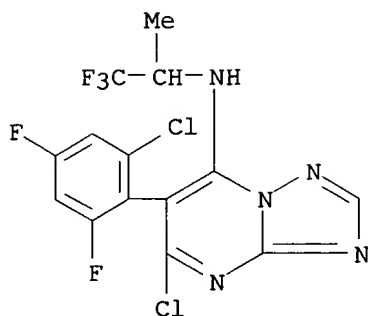
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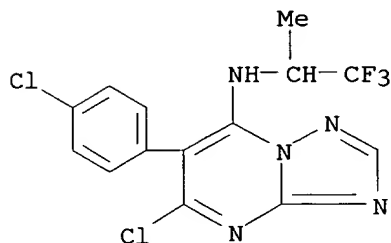
RN 329911-40-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-4,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



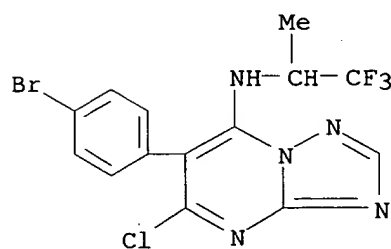
RN 329911-41-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



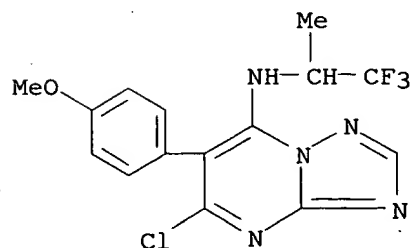
RN 329911-42-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 329911-43-5 HCAPLUS

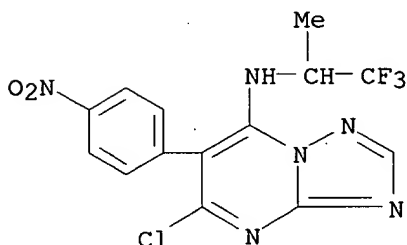
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



09/ 895,975

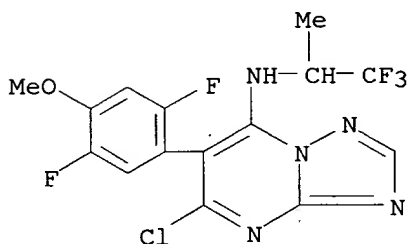
RN 329911-44-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-nitrophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 329911-45-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,5-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ACCESSION NUMBER: 2000:909200 HCAPLUS

DOCUMENT NUMBER: 134:38254

TITLE: Stable non-aqueous fungicidal suspension concentrate containing triazolopyrimidine

INVENTOR(S): Aven, Michael

PATENT ASSIGNEE(S): American Cyanamid Co., USA

SOURCE: U.S., 7 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

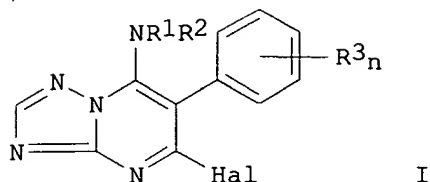
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6165940	A	20001226	US 1999-382092	19990824
PRIORITY APPLN. INFO.:			US 1998-101704P	P 19980925
OTHER SOURCE(S):	MARPAT	134:38254		

GI



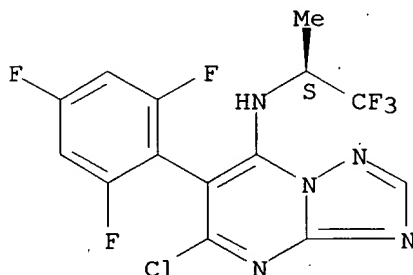
AB A non-aqueous, stable fungicidal suspension concentrate comprises (a) a triazolopyrimidine I (R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, alkadienyl, etc.; R3 = halo, alkyl, alkoxy; n = 0 to 5; Hal = halo), (b) one or more adjuvants, (c) one or more organic solvents, one or more (d) non-ionic and (e) anionic dispersants, and, optionally, (f) one or more thickeners.

IT 249648-16-6
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (stable non-aqueous fungicidal suspension concentrate containing)

RN 249648-16-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(1S)-2,2,2-trifluoro-1-methylethyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 6 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:687961 HCAPLUS

DOCUMENT NUMBER: 133:248377

TITLE: Adjuvants enhancing the efficacy of triazolopyrimidine fungicides

INVENTOR(S): Aven, Michael; Cotter, Henry Van Tuyl; May, Leslie

PATENT ASSIGNEE(S): American Cyanamid Company, USA

SOURCE: U.S., 11 pp.
 CODEN: USXXAM

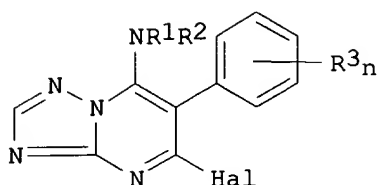
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6124301	A	20000926	US 1999-268853	19990315
PRIORITY APPLN. INFO.:			US 1998-78259P	P 19980317
OTHER SOURCE(S):	MARPAT 133:248377			
GI				



I

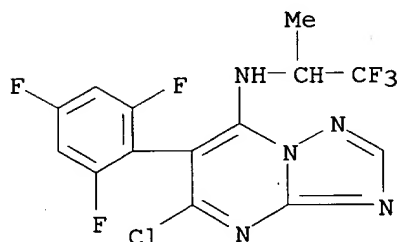
AB Adjuvants selected from liquid polyalkoxylated aliphatic alcs., solid sodium hydrocarbyl sulfonates and polyalkoxylated trisiloxanes enhance the efficacy of fungicidal triazolopyrimidines I [R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, etc.; R3 = halo, alkyl, alkoxy; n = 0-5; Hal = halo]. They can be incorporated into formulations of the fungicidal compds. or be added to spray mixts. (tank mix) as sep. formulated additives in order to improve the efficacy, systemic activity and spectrum of these fungicides.

IT 214633-94-0

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(adjuvants enhancing the efficacy of)

RN 214633-94-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:639175 HCAPLUS

DOCUMENT NUMBER: 133:222738

TITLE: Preparation of trifluorophenyltriazolopyrimidines as fungicides.

INVENTOR(S): Pees, Klaus-juergen

PATENT ASSIGNEE(S): American Cyanamid Company, USA

SOURCE: U.S., 9 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

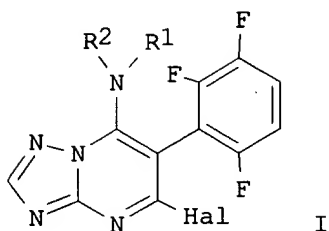
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6117865	A	20000912	US 1999-273151	19990319
PRIORITY APPLN. INFO.:			US 1998-99711P	P 19980910
OTHER SOURCE(S):	MARPAT	133:222738		

GI



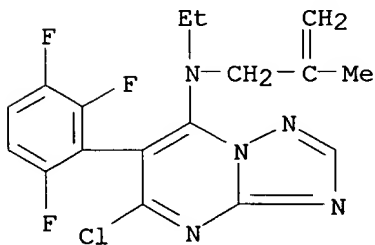
AB Trifluorophenyltriazolopyrimidine compds. (I) [(R1, R2 = H, (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, cycloalkyl etc.; or R1 and R2 together with interjacent N = (un)substituted heterocyclic or heterobicyclic ring; Hal = halogen atom)] were prepared for their use as fungicides. Thus, I (R1+R2 = (CH₂)₂CH(CH₃)(CH₂)₂) was prepared by chlorination with phosphorus oxychloride and condensation with 4-Me piperidine of the product obtained by the reaction of di-Et (2,3,6-trifluorophenyl)-malonate and 3-amino-1,2,4-triazole. The new compds. were processed with carriers and adjuvants to form fungicidal compns and formulations were given.

IT 292035-69-9P 292035-73-5P 292035-76-8P
292035-77-9P 292035-80-4P 292035-81-5P
292035-82-6P 292035-83-7P 292035-84-8P
292035-86-0P 292035-87-1P 292035-88-2P
292035-89-3P 292035-90-6P 292035-91-7P
292035-92-8P 292035-94-0P 292035-95-1P
292035-96-2P 292035-97-3P 292035-99-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of trifluorophenyltriazolopyrimidines as fungicides.)

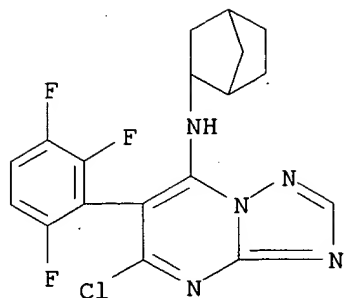
RN 292035-69-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



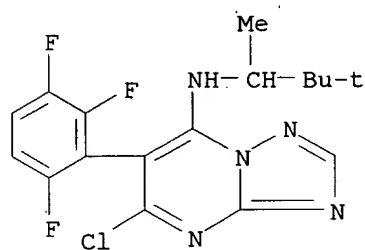
RN 292035-73-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



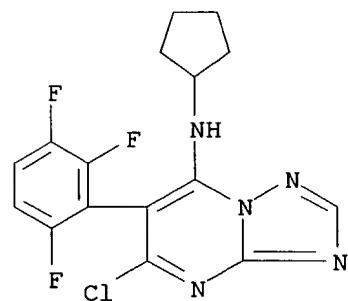
RN 292035-76-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (9CI) (CA INDEX NAME)



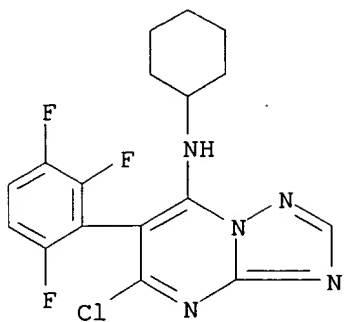
RN 292035-77-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



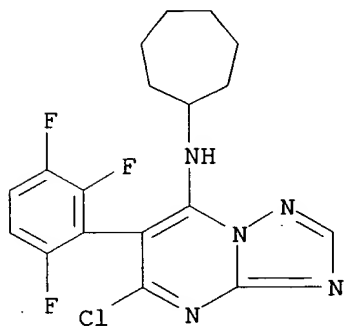
RN 292035-80-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



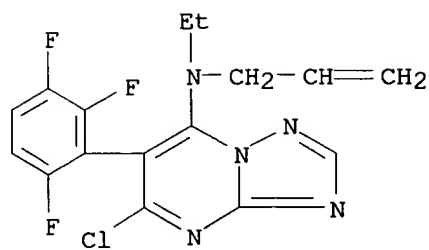
RN 292035-81-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cycloheptyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



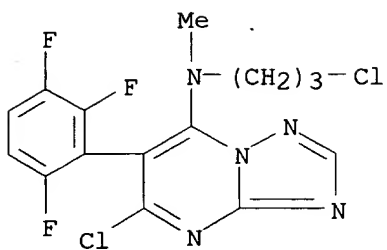
RN 292035-82-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-2-propenyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



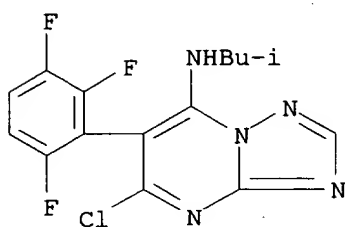
RN 292035-83-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3-chloropropyl)-N-methyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



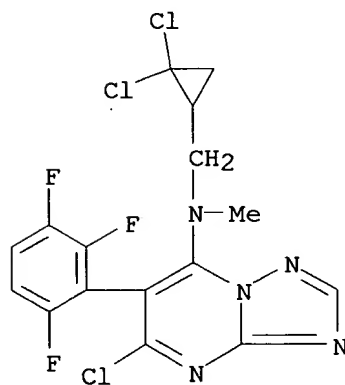
RN 292035-84-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



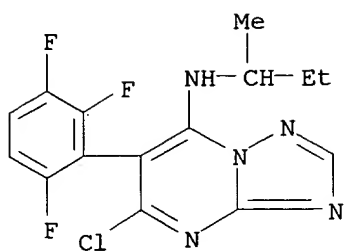
RN 292035-86-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[(2,2-dichlorocyclopropyl)methyl]-N-methyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



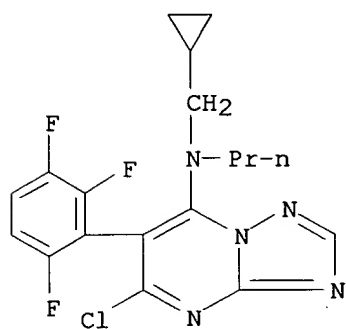
RN 292035-87-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



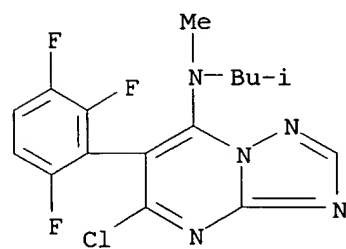
RN 292035-88-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(cyclopropylmethyl)-N-propyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



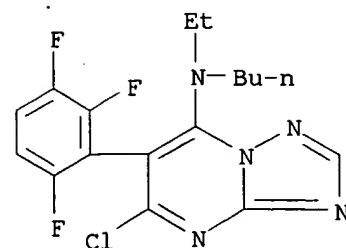
RN 292035-89-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methylpropyl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 292035-90-6 HCAPLUS

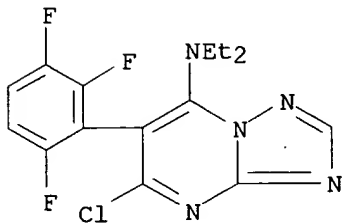
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-butyl-5-chloro-N-ethyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



09/ 895,975

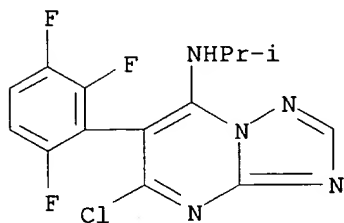
RN 292035-91-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



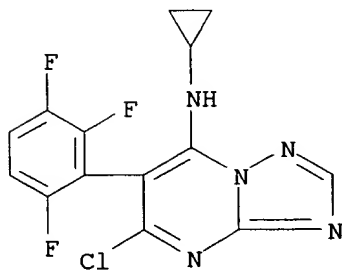
RN 292035-92-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



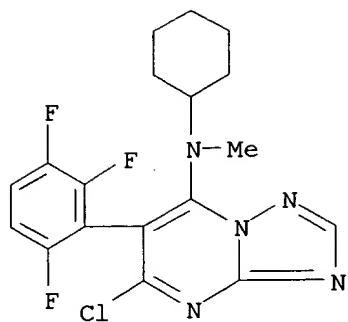
RN 292035-94-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



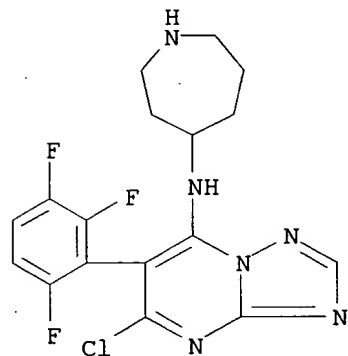
RN 292035-95-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-N-methyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



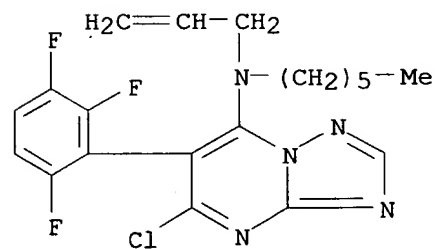
RN 292035-96-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(hexahydro-1H-azepin-4-yl)-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



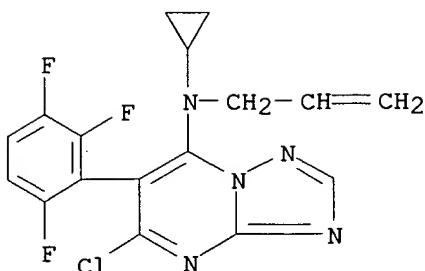
RN 292035-97-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-hexyl-N-2-propenyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 292035-99-5 HCAPLUS

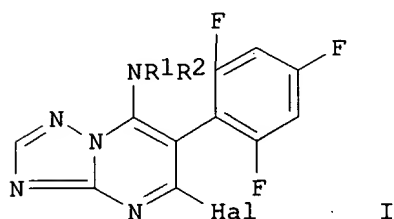
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-N-2-propenyl-6-(2,3,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2000:636212 HCAPLUS
 DOCUMENT NUMBER: 133:233897
 TITLE: Preparation of fungicidal trifluorophenyl-triazolopyrimidines
 INVENTOR(S): Pees, Klaus-juergen; Albert, Guido
 PATENT ASSIGNEE(S): American Cyanamid Company, USA
 SOURCE: U.S., 10 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6117876	A	20000912	US 1998-57197	19980408
PRIORITY APPLN. INFO.:			US 1997-43816P	P 19970414
OTHER SOURCE(S):	MARPAT 133:233897			
GI				



AB Trifluorophenyl-triazolopyrimidine compds. I (R1 = C1-C6-alkyl or C3-C6-cycloalkyl; R2 = H; or R1 and R2 with interjacent N = piperidine, optionally substituted with one or two C1-C6-alkyls; Hal = Cl) are prepared and possess selective fungicidal activity.

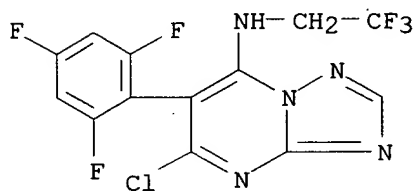
IT 214633-89-3P 214633-94-0P 214633-98-4P
 214634-06-7P 214634-13-6P 214634-17-0P
 214634-21-6P 214634-29-4P 214634-31-8P
 214634-42-1P 214634-43-2P 214634-48-7P
 214706-52-2P, [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-Chloro-N,N-diethyl-6-(2,4,6-trifluorophenyl)- 214706-54-4P
 214706-56-6P 214706-57-7P 214706-58-8P
 214706-61-3P 214706-62-4P 214706-64-6P

214706-65-7P 214706-66-8P 214706-67-9P
 214706-68-0P 214706-69-1P 214706-70-4P
 214706-71-5P 214706-72-6P 214706-73-7P
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 214706-82-8P 214706-83-9P 214706-85-1P
 214706-87-3P 214706-89-5P 214706-90-8P
 214706-91-9P 214706-93-1P 214706-96-4P
 293310-89-1P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as fungicide)

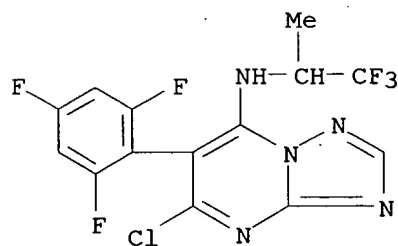
RN 214633-89-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



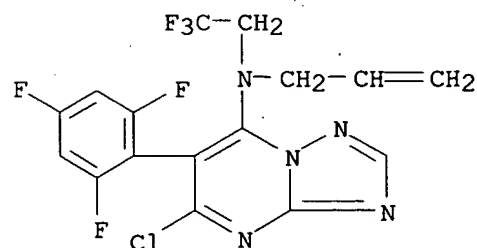
RN 214633-94-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214633-98-4 HCAPLUS

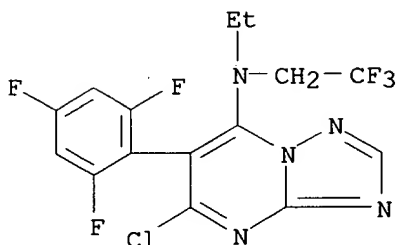
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-2-propenyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214634-06-7 HCAPLUS

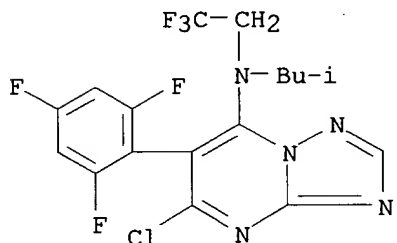
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2,2,2-

trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



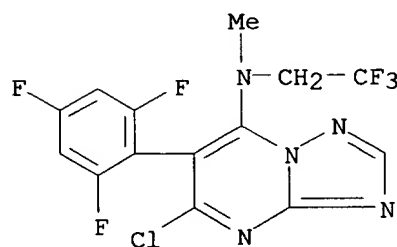
RN 214634-13-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



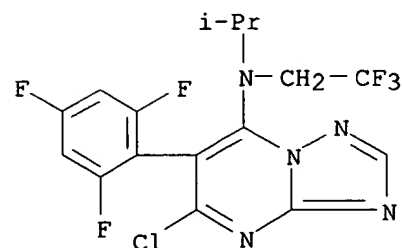
RN 214634-17-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



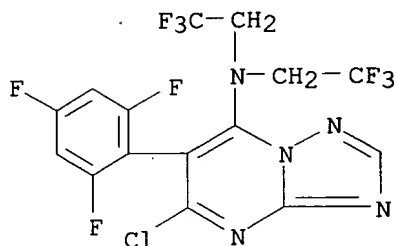
RN 214634-21-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



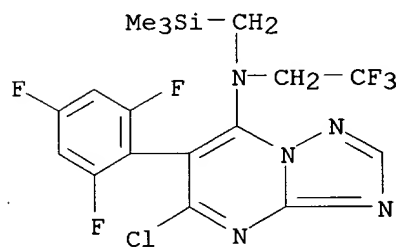
RN 214634-29-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-bis(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



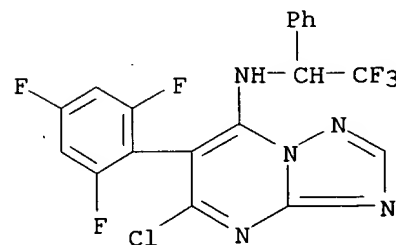
RN 214634-31-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (9CI) (CA INDEX NAME)



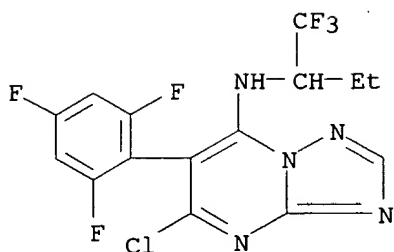
RN 214634-42-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(2,2,2-trifluoro-1-phenylethyl)- (9CI) (CA INDEX NAME)



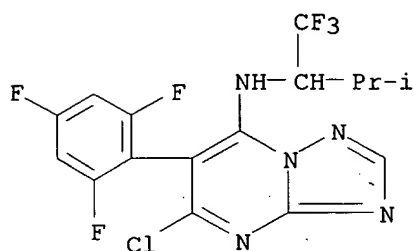
RN 214634-43-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



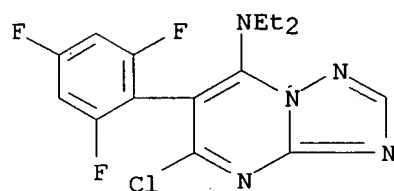
RN 214634-48-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(trifluoromethyl)propyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



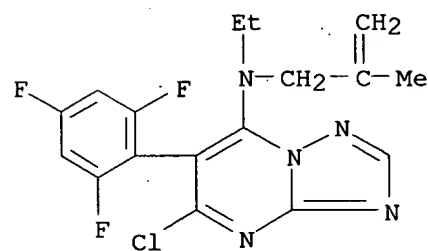
RN 214706-52-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



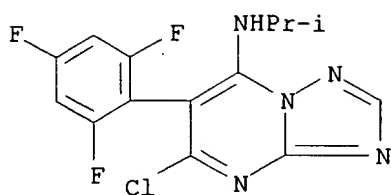
RN 214706-54-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



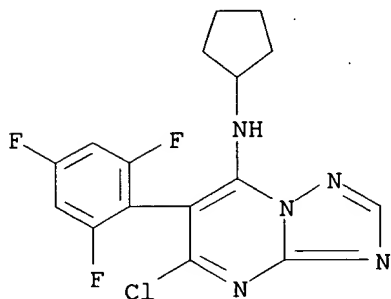
RN 214706-56-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



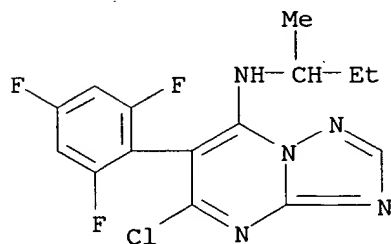
RN 214706-57-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



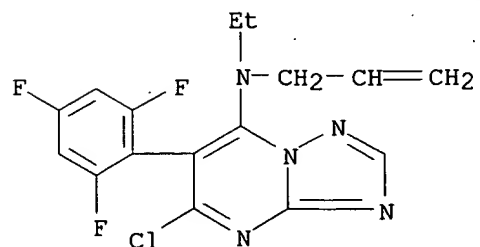
RN 214706-58-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214706-61-3 HCAPLUS

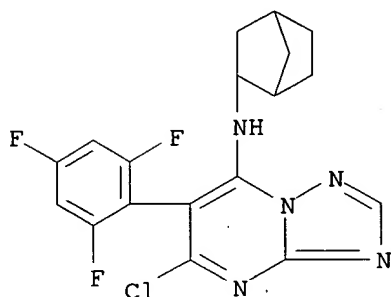
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



09/ 895,975

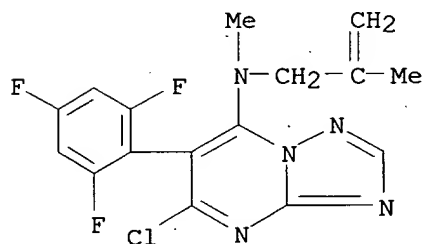
RN 214706-62-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



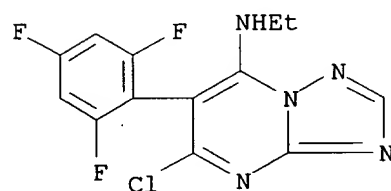
RN 214706-64-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



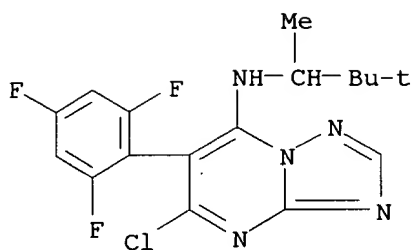
RN 214706-65-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



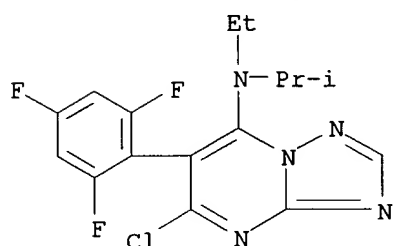
RN 214706-66-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-(1,2,2-trimethylpropyl)- (9CI) (CA INDEX NAME)



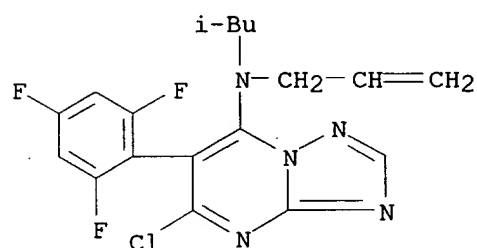
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



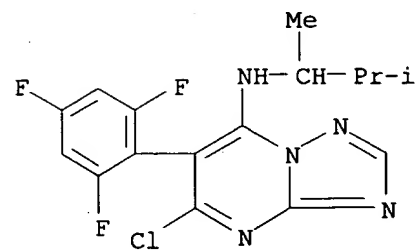
RN 214706-68-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214706-69-1 HCAPLUS

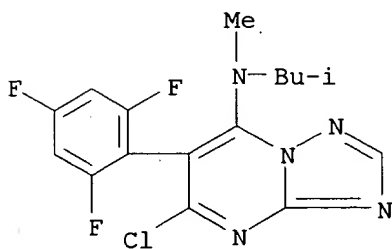
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-N-2-propenyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214706-70-4 HCAPLUS

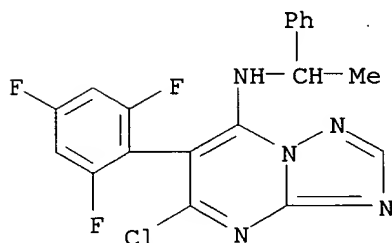
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



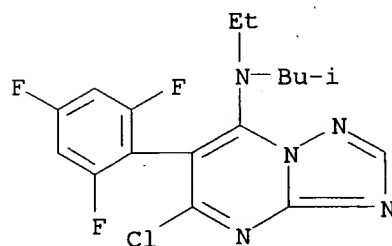
RN 214706-71-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-phenylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



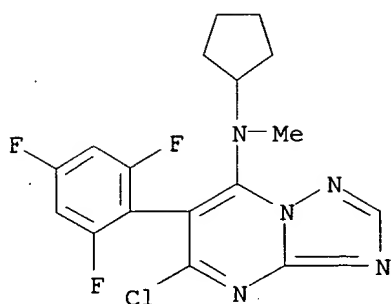
RN 214706-72-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



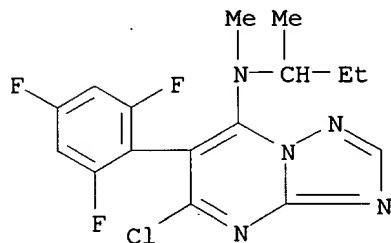
RN 214706-73-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-N-methyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



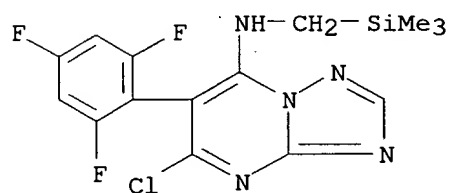
RN 214706-74-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(1-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



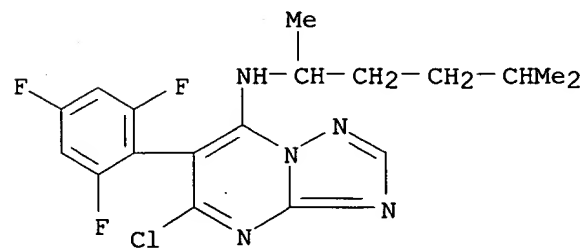
RN 214706-75-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,4,6-trifluorophenyl)-N-[(trimethylsilyl)methyl]- (9CI) (CA INDEX NAME)



RN 214706-76-0 HCAPLUS

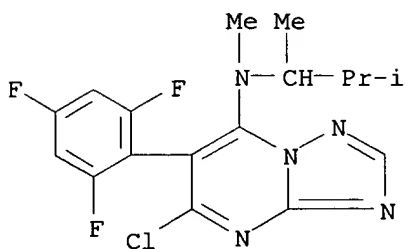
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,4-dimethylpentyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214706-77-1 HCAPLUS

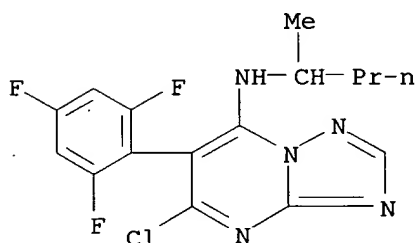
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,2-dimethylpropyl)-N-methyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



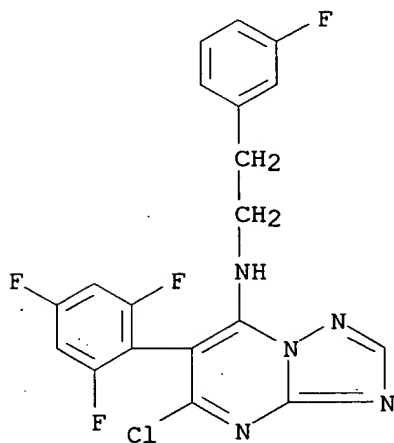
RN 214706-78-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylbutyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



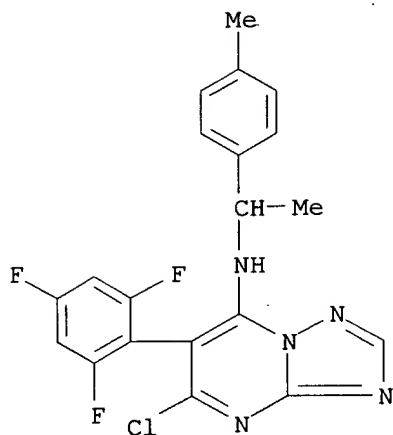
RN 214706-81-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-(3-fluorophenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

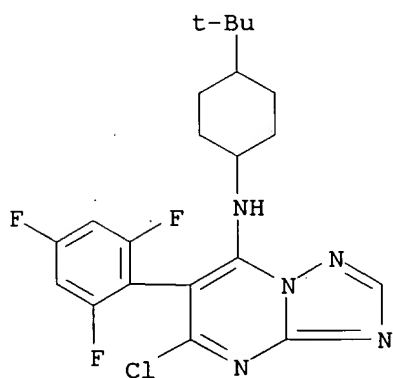


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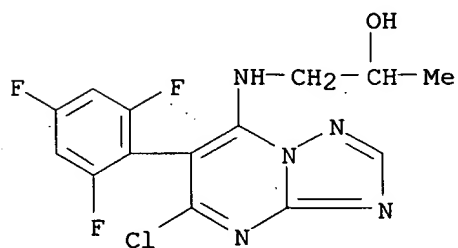
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[1-(4-methylphenyl)ethyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



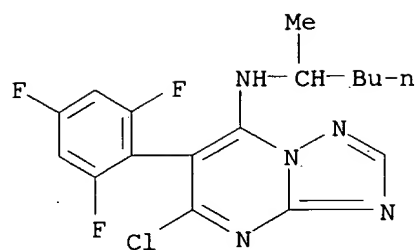
RN 214706-83-9 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[4-(1,1-dimethylethyl)cyclohexyl]-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 214706-85-1 HCAPLUS
 CN 2-Propanol, 1-[[5-chloro-6-(2,4,6-trifluorophenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (9CI) (CA INDEX NAME)

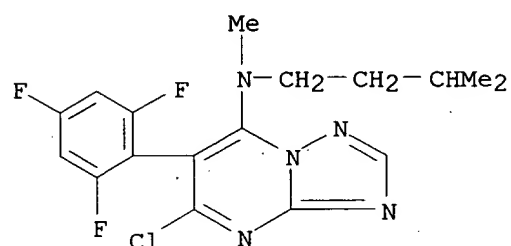


RN 214706-87-3 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpentyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



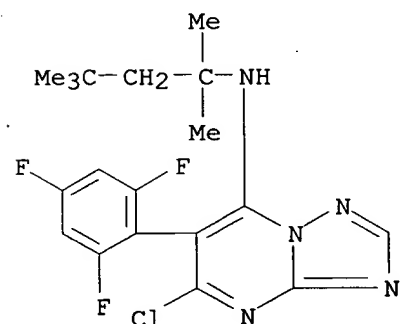
RN 214706-89-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-methyl-N-(3-methylbutyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



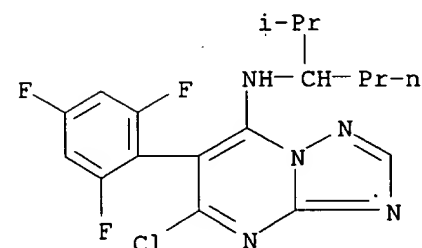
RN 214706-90-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1,1,3,3-tetramethylbutyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



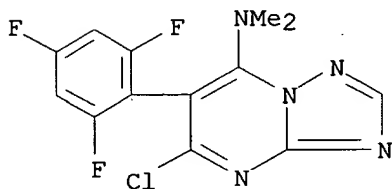
RN 214706-91-9 HCAPLUS

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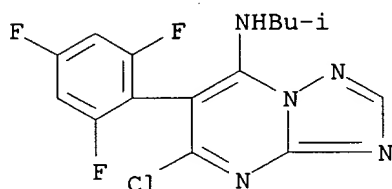
RN 214706-93-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-dimethyl-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

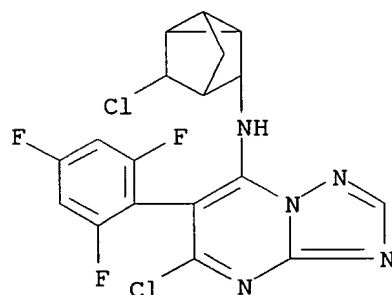


RN 214706-96-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2-methylpropyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 293310-89-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(5-chlorotricyclo[2.2.1.0^{2,6}]hept-3-yl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

REFERENCE COUNT:

8

THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:232595 HCAPLUS

DOCUMENT NUMBER: 132:265197

TITLE: Preparation of (trihalophenyl)triazolopyrimidine compounds, their use as bactericides and fungicides, and pest control with them

INVENTOR(S): Pees, Klaus-Juergen

PATENT ASSIGNEE(S): American Cyanamid Co., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.

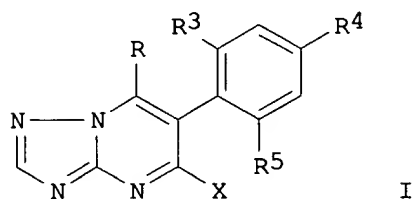
CODEN: JKXXAF

DOCUMENT TYPE:

Patent

LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000103790	A	20000411	JP 1999-257239	19990910
US 5985883	A	19991116	US 1998-160568	19980925
PRIORITY APPLN. INFO.:			US 1998-160568	A 19980925
			US 1998-161087	A 19980925
OTHER SOURCE(S):	MARPAT 132:265197			
GI				



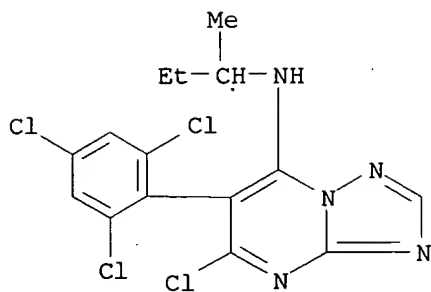
AB The title compds. I [R = NR₁R₂; R₁, R₂ = H, (un)substituted alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl, heterocyclyl or NR₁R₂ (un)substituted heterocyclyl; R₃-R₅ = F, Cl; R₃, R₄, and/or R₅ = Cl; X =], useful as bactericides and fungicides, especially against rice blast fungus, *Pyricularia oryzae*, are prepared by treatment of I (R = halo; R₃-R₅, X = same as above) with R₁R₂NH (R₁, R₂ = same as above). Also claimed are bactericidal and fungicidal compns. containing ≥1 I and carriers, and a method for controlling bacteria and fungi using I. 5-Chloro-6-(2,6-dichloro-4-fluorophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidine (preparation given) inhibited growth of *Alternaria solani*, *Botrytis cinerea*, *Cochliobolus sativus*, *Magnaporthe grisea* f. sp. *oryzae*, and *Rhizoctonia solani* at MICs 0.39, 0.39, 0.78, 0.04, and 12.5 µg/mL.

IT 249890-97-9P 249891-03-0P 263333-87-5P
 263333-88-6P 263333-89-7P 263333-90-0P
 263333-91-1P 263333-92-2P 263333-93-3P
 263333-94-4P 263333-95-5P 263333-96-6P
 263333-97-7P 263333-98-8P 263334-00-5P
 263334-01-6P 263334-02-7P 263334-04-9P
 263334-06-1P 263334-07-2P 263334-08-3P
 263334-09-4P 263334-10-7P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of (trihalophenyl)triazolopyrimidines as agrochem. bactericides and fungicides)

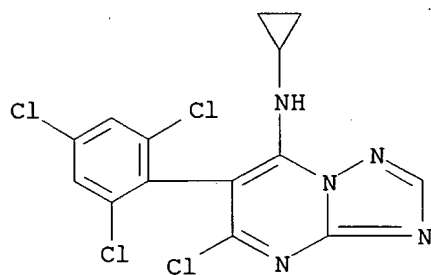
RN 249890-97-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylpropyl)-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



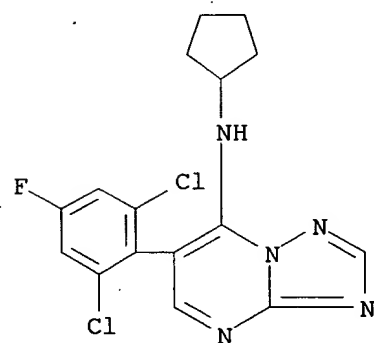
RN 249891-03-0 HCAPLUS

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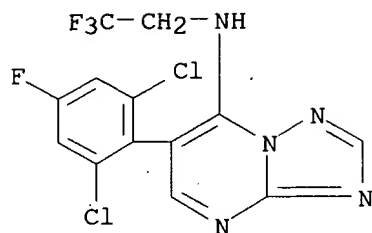
RN 263333-87-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-6-(2,6-dichloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



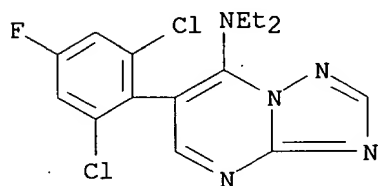
RN 263333-88-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-dichloro-4-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



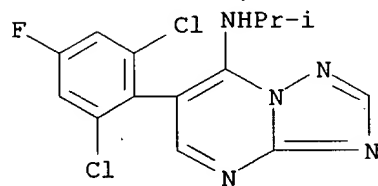
RN 263333-89-7 HCAPLUS

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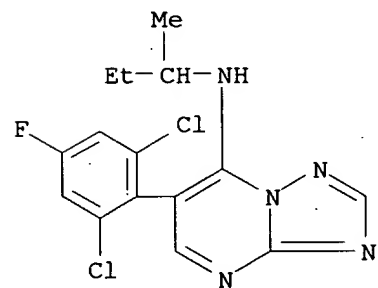
RN 263333-90-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-dichloro-4-fluorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



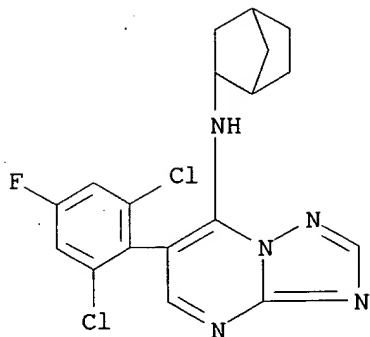
RN 263333-91-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-dichloro-4-fluorophenyl)-N-(1-methylpropyl)- (9CI) (CA INDEX NAME)



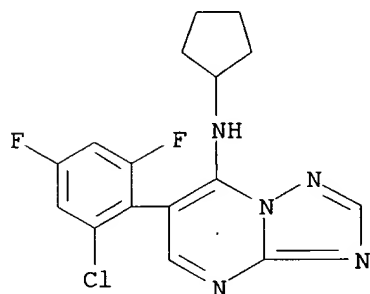
RN 263333-92-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2,6-dichloro-4-fluorophenyl)- (9CI) (CA INDEX NAME)



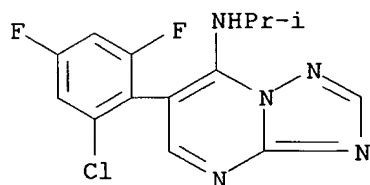
RN 263333-93-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-4,6-difluorophenyl)-N-cyclopentyl- (9CI) (CA INDEX NAME)



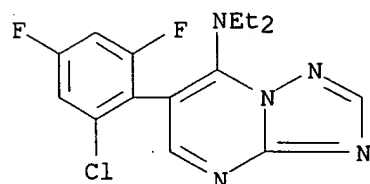
RN 263333-94-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-4,6-difluorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 263333-95-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-4,6-difluorophenyl)-N,N-diethyl- (9CI) (CA INDEX NAME)

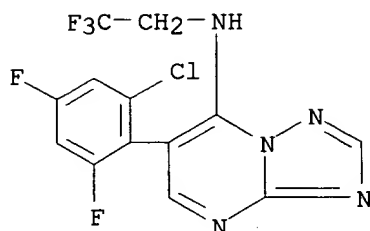


RN 263333-96-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-4,6-difluorophenyl)-N-

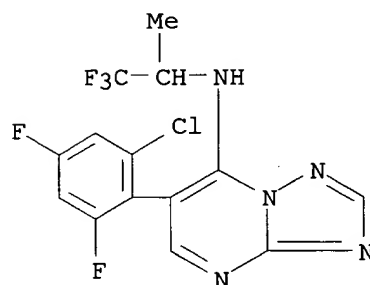
09/ 895,975

(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



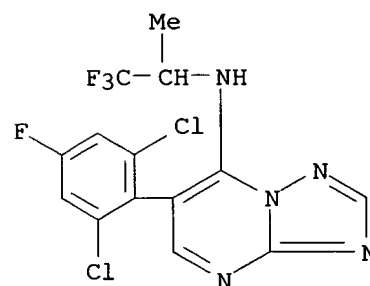
RN 263333-97-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-4,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



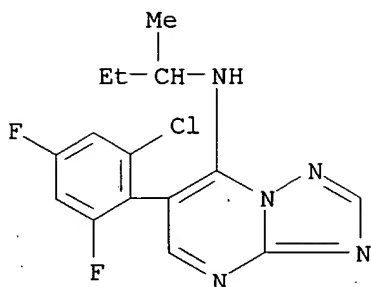
RN 263333-98-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-dichloro-4-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



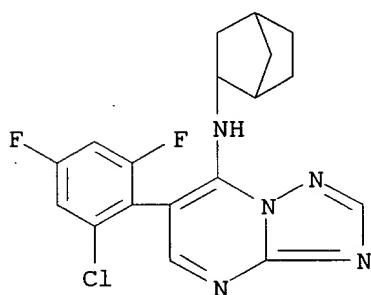
RN 263334-00-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-4,6-difluorophenyl)-N-(1-methylpropyl)- (9CI) (CA INDEX NAME)



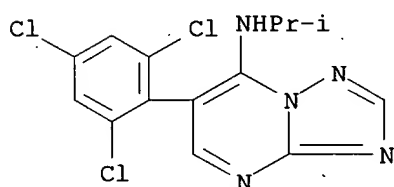
RN 263334-01-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2-chloro-4,6-difluorophenyl)- (9CI) (CA INDEX NAME)



RN 263334-02-7 HCAPLUS

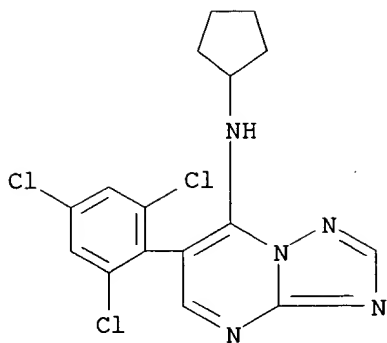
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-(1-methylethyl)-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 263334-04-9 HCAPLUS

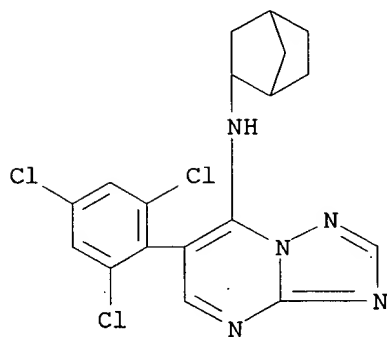
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)

09/ 895,975



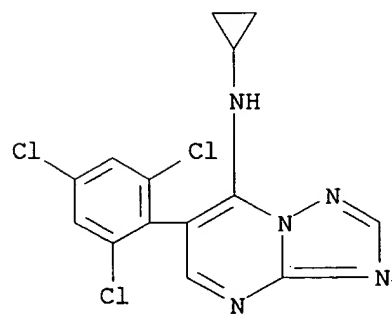
RN 263334-06-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



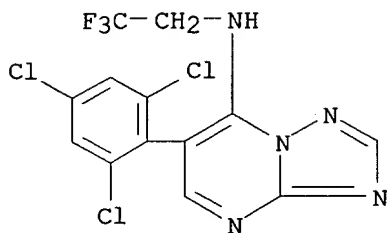
RN 263334-07-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopropyl-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



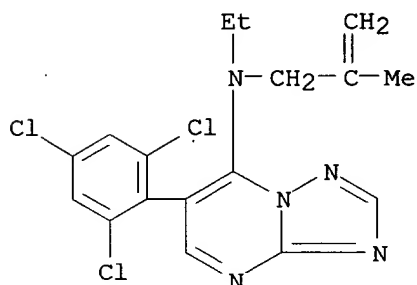
RN 263334-08-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,4,6-trichlorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



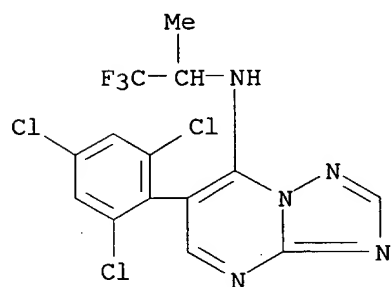
RN 263334-09-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-ethyl-N-(2-methyl-2-propenyl)-6-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 263334-10-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,4,6-trichlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



L6 ANSWER 10 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:761522 HCAPLUS

DOCUMENT NUMBER: 131:351347

TITLE: Preparation of fungicidal 5-alkyl-triazolopyrimidines

INVENTOR(S): Pfrengle, Waldemar

PATENT ASSIGNEE(S): American Cyanamid Company, USA

SOURCE: U.S., 9 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

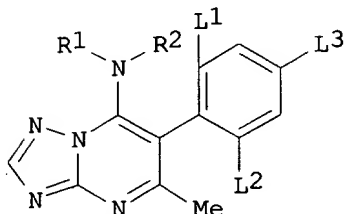
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 5994360
 PRIORITY APPLN. INFO.:
 OTHER SOURCE(S):
 GI

A 19991130
 MARPAT 131:351347

US 1998-115496
 US 1997-52407P

19980714
 P 19970714



I

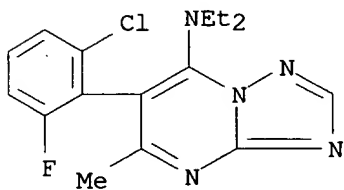
AB The title compds. [I; NR1R2 = piperidino, 4-methylpiperidino; L1-L3 = H, F, Cl (at least one of which being F or Cl) which show selective fungicidal activity, were prepared Thus, reacting 6-(2-chloro-6-fluorophenyl)-5-chloro-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidine with di-Et malonate in the presence of NaH in MeCN followed by treatment of the resulting di-Et [6-(2-chloro-6-fluorophenyl)-7-(4-methylpiperidin-1-yl)-[1,2,4]triazolo[1,5-a]pyrimidin-yl]malonate with concentrate HCl afforded I [R1R2 = (CH2)2CH(Me)(CH2)2; L1 = Cl; L2 = F; L3 = H] which showed ED50 > 90 at 0.2 mg/mL in test with Alternaria solani.

IT 220482-11-1P 220482-12-2P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of fungicidal 5-alkyl-triazolopyrimidines)

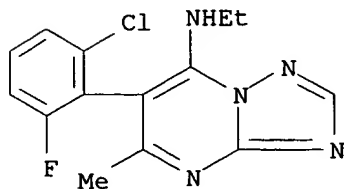
RN 220482-11-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N,N-diethyl-5-methyl- (9CI) (CA INDEX NAME)



RN 220482-12-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N-ethyl-5-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:571812 HCAPLUS

DOCUMENT NUMBER: 131:181114

TITLE: Preparation of fungicidal
trifluoromethylalkylaminotriazolopyrimidine
derivatives.INVENTOR(S): Pees, Klaus-Juergen; Krummel, Guenter; Van Tuyl
Cotter, Henry; Albert, Guido; Rehnig, Annerose; May,
Leslie; Pfrengle, Waldemar

PATENT ASSIGNEE(S): American Cyanamid Company, USA

SOURCE: U.S., 10 pp.

CODEN: USXXAM

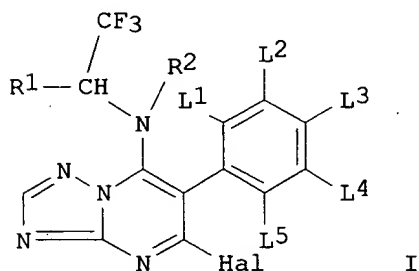
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5948783	A	19990907	US 1998-54580	19980403
PRIORITY APPLN. INFO.:			US 1997-43820P	P 19970414
OTHER SOURCE(S):	MARPAT	131:181114		
GI				



AB The trifluoromethylalkylaminotriazolopyrimidine derivs. I (R1 = H or Me; R2 = H, alkyl or alkynyl; Hal = Cl or Br; L1-5 = H or halo) are prepared as fungicides.

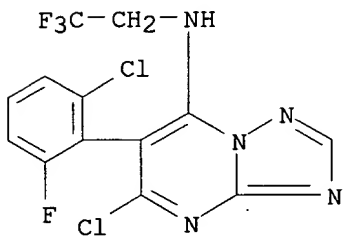
IT 214633-87-1P 240424-97-9P 240424-98-0P
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 240425-05-2P 240425-06-3P 240425-07-4P
 240425-08-5P 240425-09-6P 240425-10-9P
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 240425-14-3P 240425-15-4P 240425-16-5P
 240425-17-6P 240425-18-7P 240425-19-8P
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 240425-23-4P 240425-24-5P 240425-25-6P
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 240425-32-5P 240425-33-6P 240425-34-7P
 240425-35-8P 240425-36-9P 240425-37-0P
 240425-38-1P 240425-39-2P 240425-40-5P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as fungicide)

RN 214633-87-1 HCAPLUS

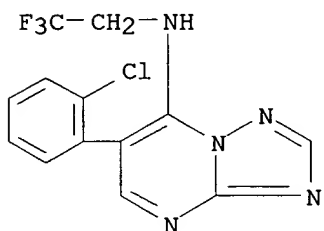
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



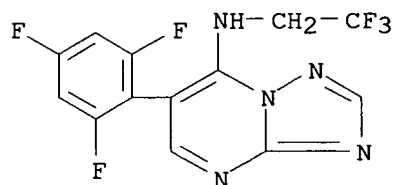
RN 240424-97-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chlorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



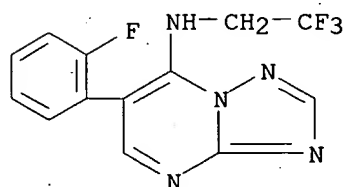
RN 240424-98-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



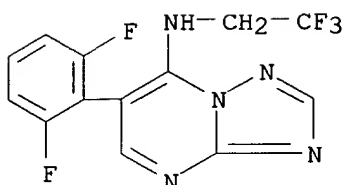
RN 240424-99-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



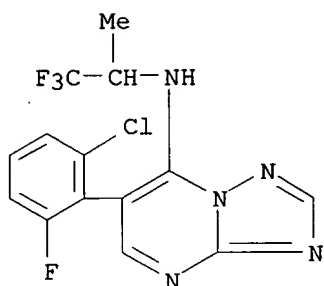
RN 240425-00-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



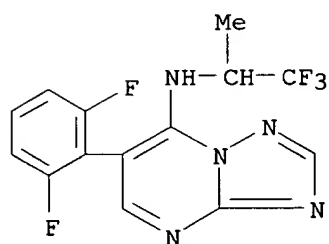
RN 240425-01-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



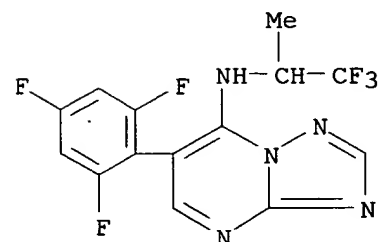
RN 240425-02-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 240425-03-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-(2,2,2-trifluoro-1-methylethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

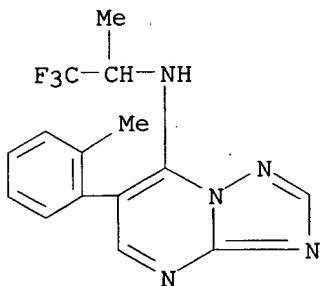


RN 240425-04-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-methylphenyl)-N-(2,2,2-

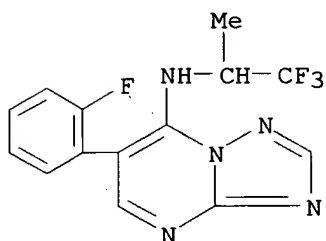
09/ 895,975

trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



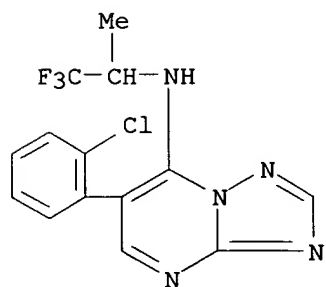
RN 240425-05-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-fluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



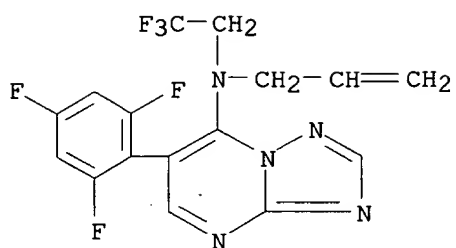
RN 240425-06-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chlorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



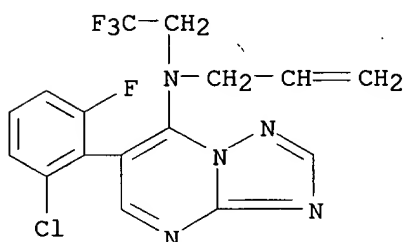
RN 240425-07-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-2-propenyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



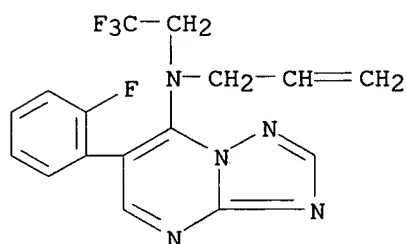
RN 240425-08-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N-2-propenyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



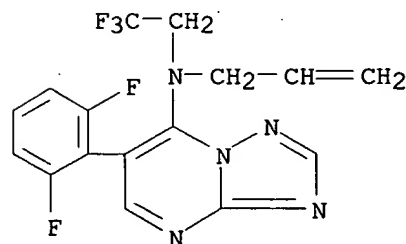
RN 240425-09-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-fluorophenyl)-N-2-propenyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-10-9 HCAPLUS

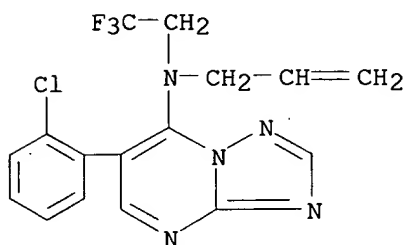
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N-2-propenyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-11-0 HCAPLUS

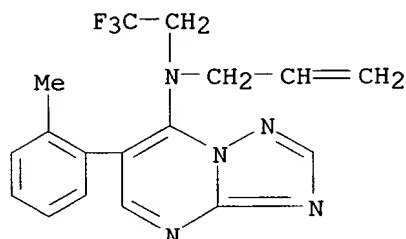
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chlorophenyl)-N-2-propenyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



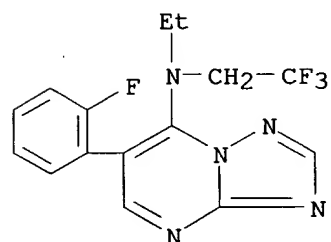
RN 240425-12-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-methylphenyl)-N-2-propenyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



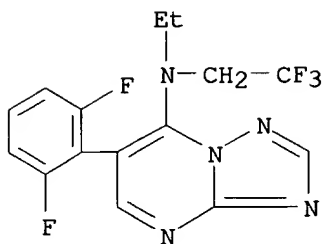
RN 240425-13-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-ethyl-6-(2-fluorophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



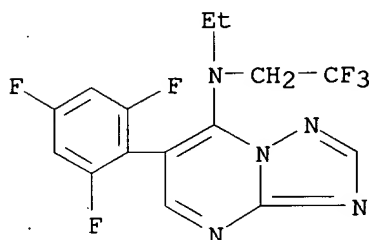
RN 240425-14-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N-ethyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



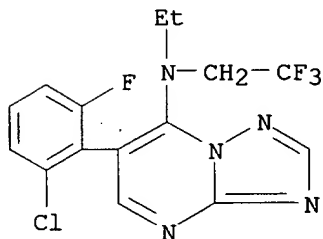
RN 240425-15-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-ethyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



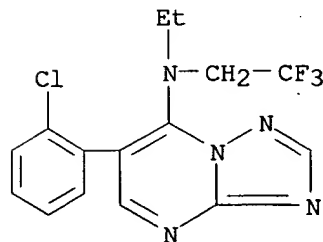
RN 240425-16-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N-ethyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-17-6 HCAPLUS

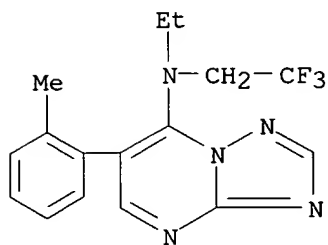
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chlorophenyl)-N-ethyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-18-7 HCAPLUS

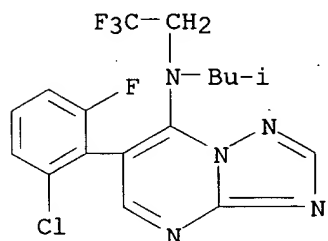
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-ethyl-6-(2-methylphenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



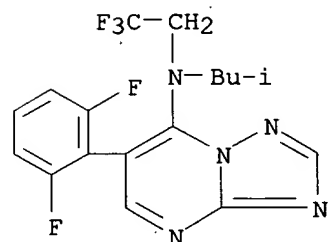
RN 240425-19-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



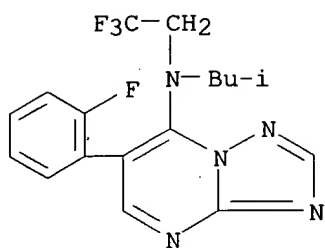
RN 240425-20-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



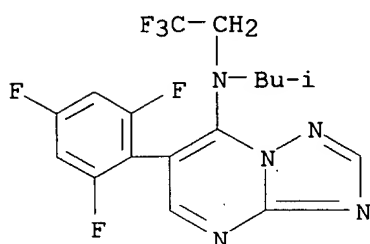
RN 240425-21-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-fluorophenyl)-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



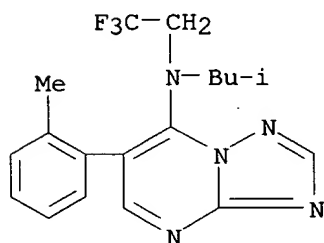
RN 240425-22-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



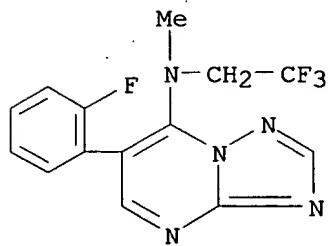
RN 240425-23-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-methylphenyl)-N-(2-methylpropyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-24-5 HCAPLUS

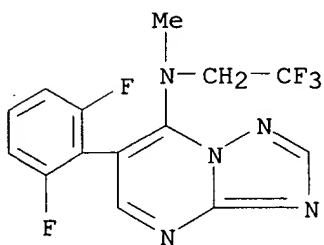
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-fluorophenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-25-6 HCAPLUS

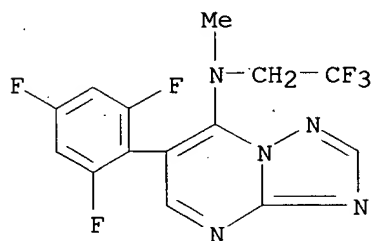
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



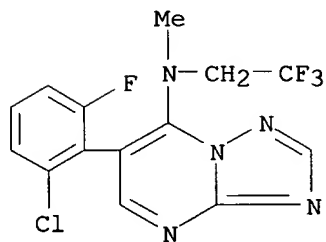
RN 240425-26-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-methyl-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



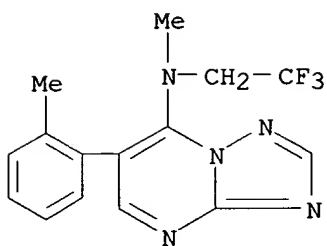
RN 240425-27-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N-methyl-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



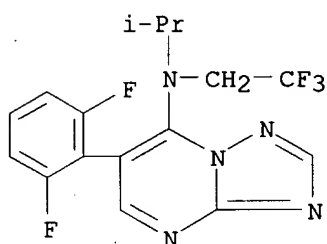
RN 240425-28-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-methyl-6-(2-methylphenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



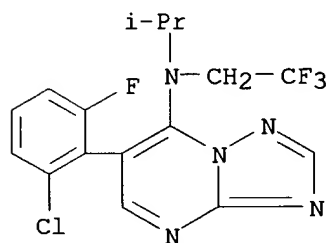
RN 240425-29-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



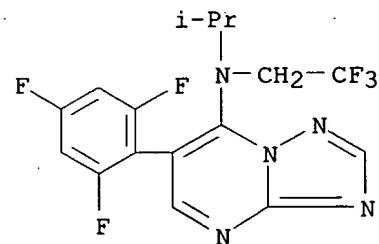
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-31-4 HCAPLUS

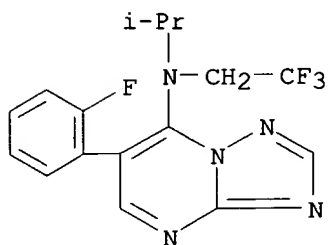
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 240425-32-5 HCAPLUS

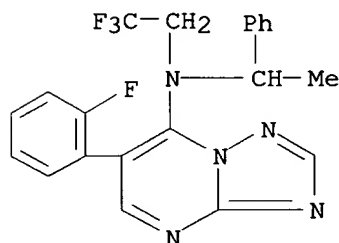
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-fluorophenyl)-N-(1-methylethyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



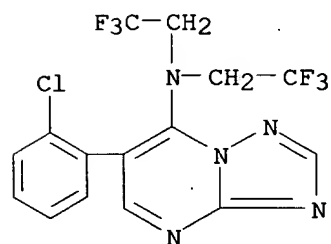
RN 240425-33-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-fluorophenyl)-N-(1-phenylethyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



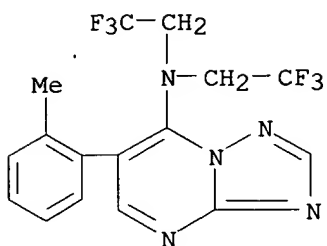
RN 240425-34-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chlorophenyl)-N,N-bis(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



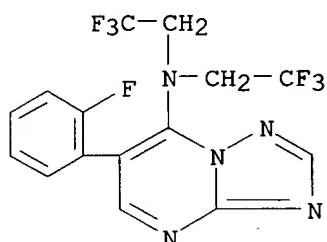
RN 240425-35-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-methylphenyl)-N,N-bis(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



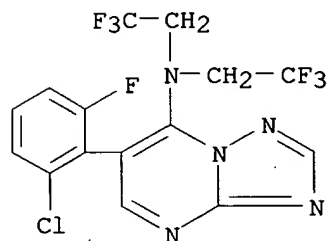
RN 240425-36-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-fluorophenyl)-N,N-bis(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



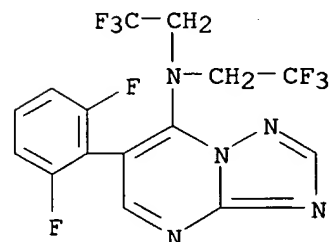
RN 240425-37-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N,N-bis(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-38-1 HCAPLUS

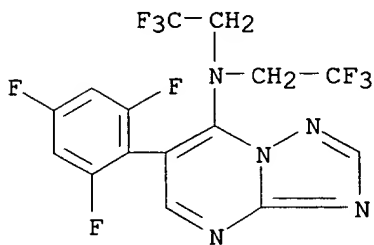
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N,N-bis(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 240425-39-2 HCAPLUS

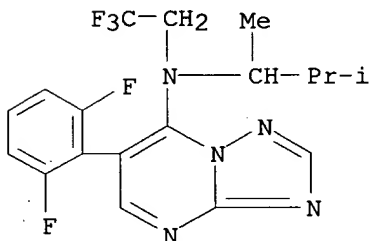
09/ 895,975

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N,N-bis(2,2,2-trifluoroethyl)-6-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 240425-40-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,6-difluorophenyl)-N-(1,2-dimethylpropyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:106975 HCAPLUS

DOCUMENT NUMBER: 130:168390

TITLE: Preparation of 5-alkyltriazolopyrimidines, and agrochemical bactericidal and fungicidal compositions containing them

INVENTOR(S): Pfrengle, Waldermar Franz Augustin

PATENT ASSIGNEE(S): American Cyanamid Co., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

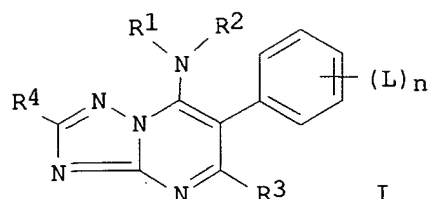
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11035581	A	19990209	JP 1998-208531	19980709
FR 2765875	A1	19990115	FR 1998-8423	19980701
FR 2765875	B1	19991119		
PRIORITY APPLN. INFO.:			US 1997-892495	A 19970714
OTHER SOURCE(S):		MARPAT 130:168390		
GI				



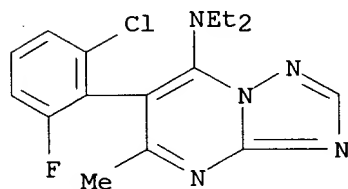
AB The title compds. I [R1 = (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, etc.; R2 = H, (un)substituted alkyl, alkenyl, alkynyl, aryl, heteroaryl, etc.; R1NR2 may form (un)substituted heterocyclyl; R3 = alkyl; R4 = H, alkyl, aryl; L = halo, (un)substituted alkyl, alkoxy; A = N, CR5; R5 = similar group as shown in R4; n = 0-5] are claimed. I (R1, R2, R4, A, L, n = same as above; R3 = Me) are prepared by treatment of 5-haloazopyrimidines I (R1, R2, R4, A, L, n = same as above; R3 = halo) with alkyl malonate in the presence of bases, then heating the resulting modified malonate esters with acids. I [R1NR2 = 4-methylpiperidin-1-yl, R3 = CH(CO2Et)2, R4 = H, A = N, Ln = 2-Cl, 6-F] (0.5 g) was treated with concentrated HCl at 80° for 24 h to give 0.27 g I (R1NR2, R4, A, Ln = same as above, R3 = Me), which showed strong antimicrobial activities.

IT 220482-11-1P 220482-12-2P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); IMF (Industrial manufacture); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of 5-alkyltriazaolopyrimidines as agrochem. bactericides and fungicides)

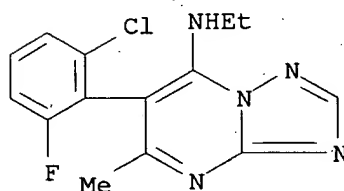
RN 220482-11-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N,N-diethyl-5-methyl- (9CI) (CA INDEX NAME)



RN 220482-12-2 HCAPLUS

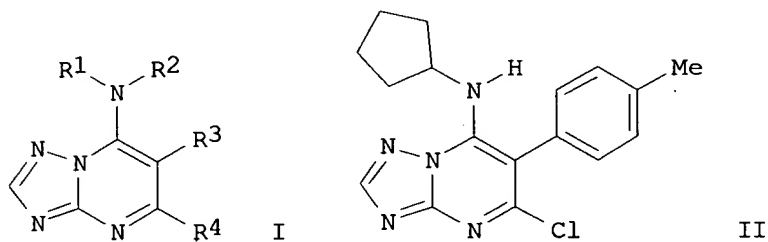
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chloro-6-fluorophenyl)-N-ethyl-5-methyl- (9CI) (CA INDEX NAME)



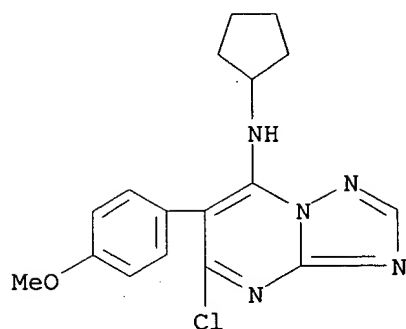
TITLE: Preparation of triazolopyrimidines as agrochemical fungicides
 INVENTOR(S): Pees, Klaus Jurgen; Albert, Guido
 PATENT ASSIGNEE(S): American Cyanamid Company, USA
 SOURCE: U.S., 23 pp., Cont.-in-part of U.S. Ser. No. 276, 384, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5593996	A	19970114	US 1995-412401	19950328
PRIORITY APPLN. INFO.:			EP 1991-122422	A 19911230
			US 1992-998113	B1 19921229
			US 1994-276384	B2 19940718

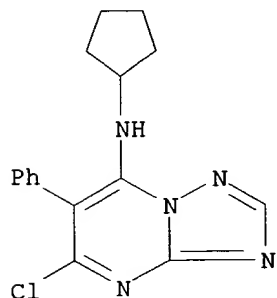
OTHER SOURCE(S): MARPAT 126:171605
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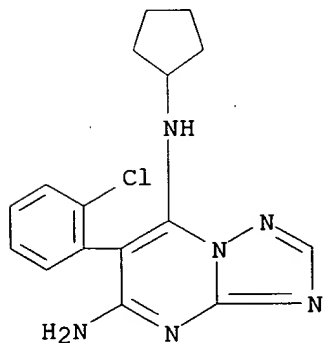
- AB The title compds. [I; R1 = C1-12 alkyl, C2-6 alkenyl, C2-6 alkynyl, etc.; R2 = H, C1-4 alkyl; R1R2 = (un)substituted pyrrolidinyl, piperidinyl, dihydropyridyl; R3 = (un)substituted Ph, naphthyl; R4 = halo, (un)substituted NH2], useful as fungicides, were prepared Thus, reaction of 5,7-dichloro-6-(4-methylphenyl)-1,2,4-triazolo[1,5-a]pyrimidine with cyclopentylamine in the presence of Et3N in THF afforded 87% II which showed MIC of 12.5 µg/mL and 1.56 µg/mL against Botrytis cinerea and Alternaria solani, resp.
- IT 150987-36-3P 150987-39-6P 150988-17-3P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
 (preparation of triazolopyrimidines as agrochem. fungicides)
- RN 150987-36-3 HCAPLUS
- CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 150987-39-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-phenyl-
(9CI) (CA INDEX NAME)

RN 150988-17-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, 6-(2-chlorophenyl)-N7-
cyclopentyl- (9CI) (CA INDEX NAME)

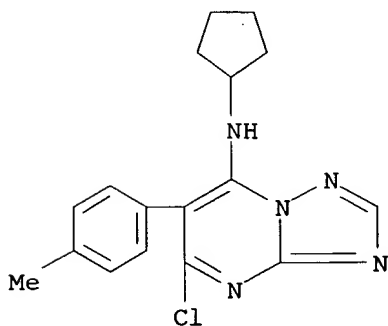
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 150988-28-6P 150988-29-7P 150988-30-0P
 187232-63-9P 187232-66-2P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of triazolopyrimidines as agrochem. fungicides)

RN 150987-15-8 HCAPLUS

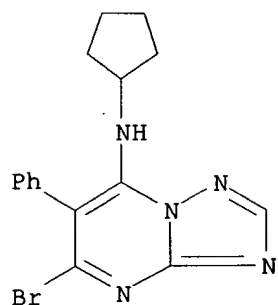
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-methylphenyl)- (9CI) (CA INDEX NAME)



RN 150987-16-9 HCAPLUS

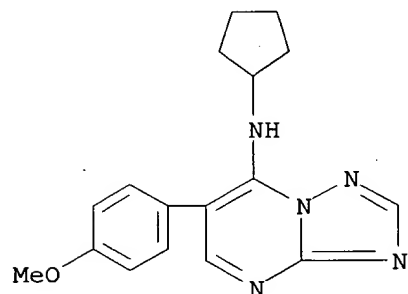
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-cyclopentyl-6-phenyl- (9CI) (CA INDEX NAME)

09/ 895,975



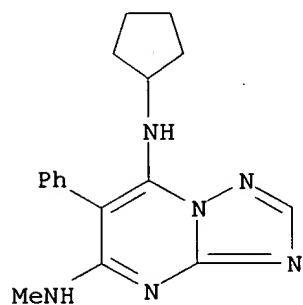
RN 150987-17-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-6-(4-methoxyphenyl)-
(9CI) (CA INDEX NAME)



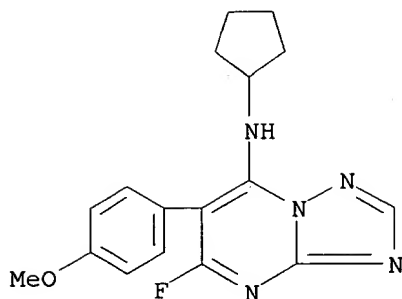
RN 150987-18-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, N7-cyclopentyl-N5-methyl-6-
phenyl- (9CI) (CA INDEX NAME)



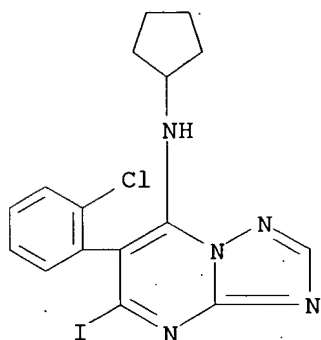
RN 150987-19-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-5-fluoro-6-(4-
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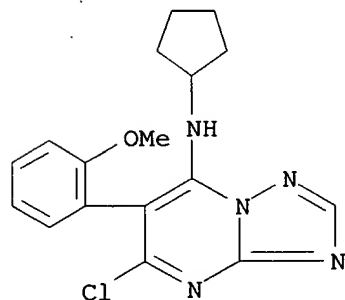
RN 150987-20-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-chlorophenyl)-N-cyclopentyl-5-iodo- (9CI) (CA INDEX NAME)



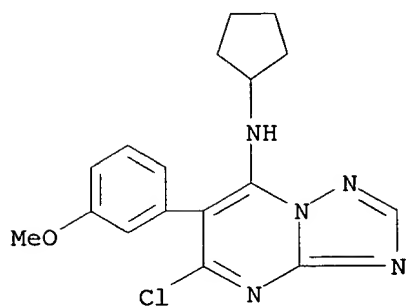
RN 150987-21-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



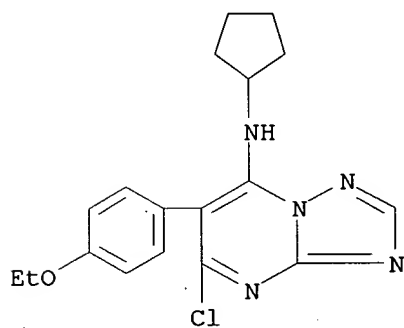
RN 150987-22-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



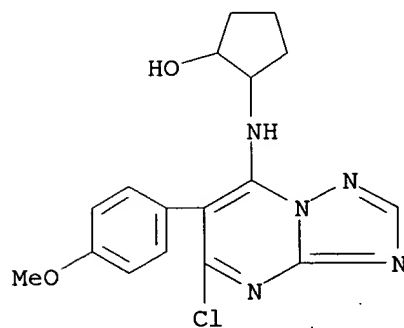
RN 150987-23-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-ethoxyphenyl)- (9CI) (CA INDEX NAME)



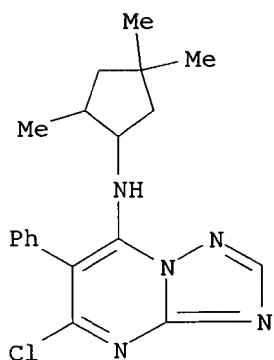
RN 150987-24-9 HCAPLUS

CN Cyclopentanol, 2-[[5-chloro-6-(4-methoxyphenyl)[1,2,4]triazolo[1,5-a]pyrimidin-7-yl]amino]- (9CI) (CA INDEX NAME)



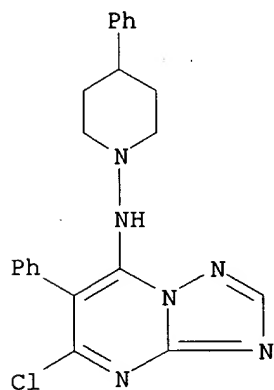
RN 150987-25-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(2,4,4-trimethylcyclopentyl)- (9CI) (CA INDEX NAME)



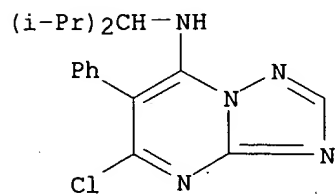
RN 150987-27-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(4-phenyl-1-piperidiny)- (9CI) (CA INDEX NAME)



RN 150987-28-3 HCAPLUS

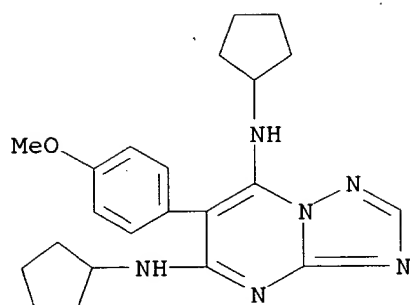
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-[2-methyl-1-(1-methylethyl)propyl]-6-phenyl- (9CI) (CA INDEX NAME)



RN 150987-29-4 HCAPLUS

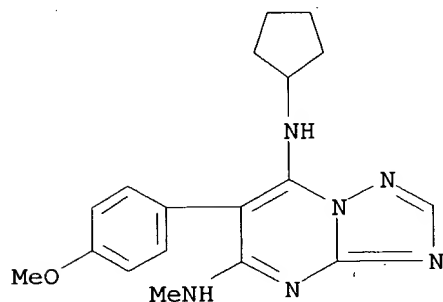
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-5-(cyclopentylamino)-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)

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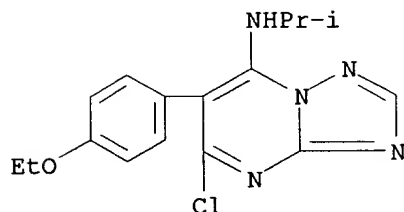
RN 150987-30-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, N7-cyclopentyl-6-(4-methoxyphenyl)-N5-methyl- (9CI) (CA INDEX NAME)



RN 150987-31-8 HCAPLUS

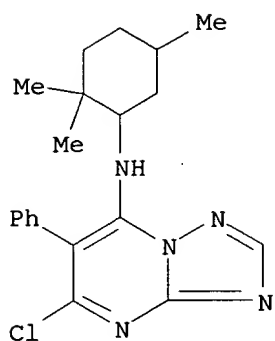
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-ethoxyphenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 150987-32-9 HCAPLUS

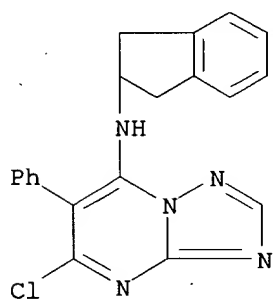
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(2,2,5-trimethylcyclohexyl)- (9CI) (CA INDEX NAME)

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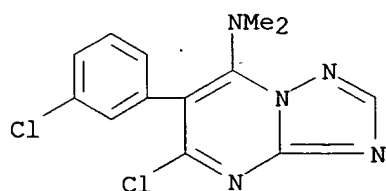
RN 150987-33-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,3-dihydro-1H-inden-2-yl)-6-phenyl- (9CI) (CA INDEX NAME)



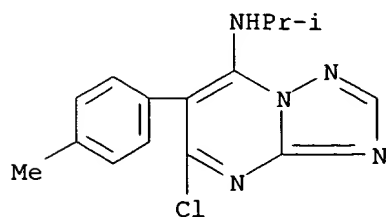
RN 150987-34-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(3-chlorophenyl)-N,N-dimethyl- (9CI) (CA INDEX NAME)



RN 150987-35-2 HCAPLUS

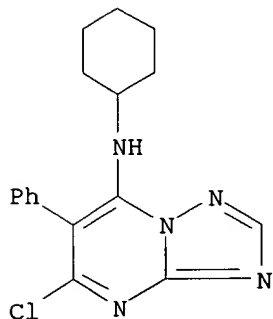
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(4-methylphenyl)- (9CI) (CA INDEX NAME)



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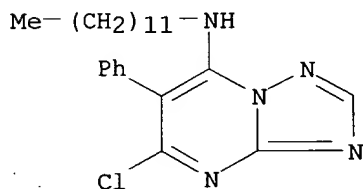
RN 150987-37-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclohexyl-6-phenyl-
(9CI) (CA INDEX NAME)



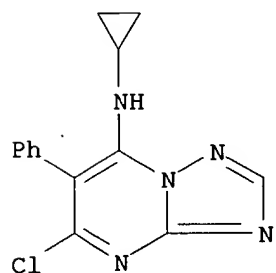
RN 150987-38-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-dodecyl-6-phenyl-
(9CI) (CA INDEX NAME)



RN 150987-40-9 HCAPLUS

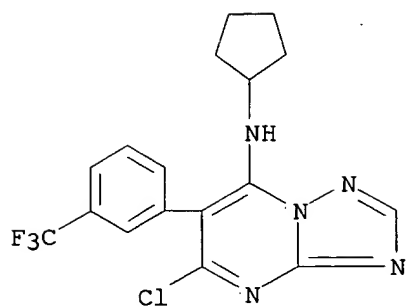
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopropyl-6-phenyl-
(9CI) (CA INDEX NAME)



RN 150987-41-0 HCAPLUS

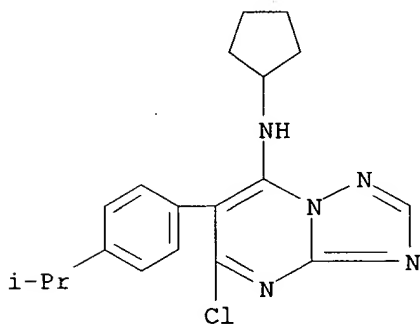
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

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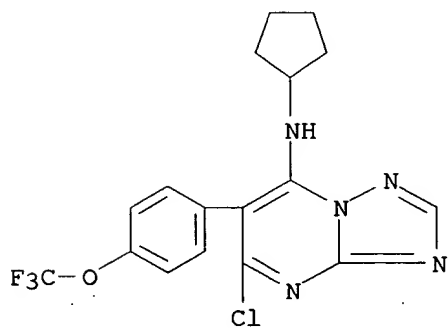
RN 150987-42-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 150987-43-2 HCAPLUS

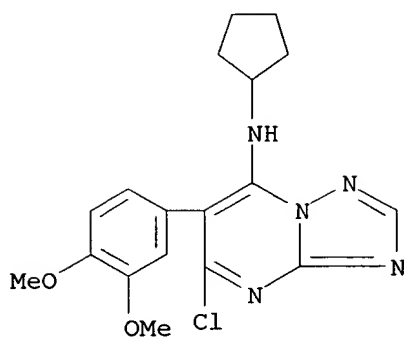
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 150987-45-4 HCAPLUS

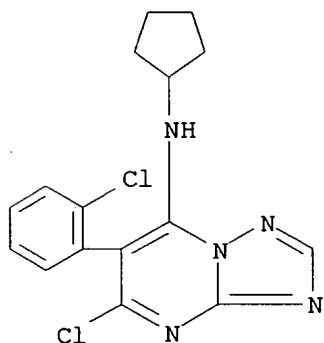
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3,4-dimethoxyphenyl)- (9CI) (CA INDEX NAME)

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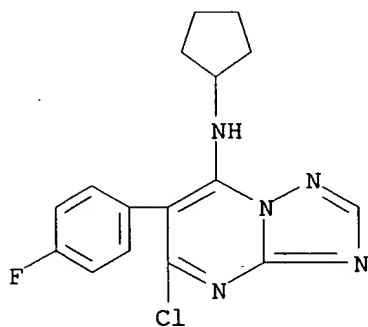
RN 150987-46-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-cyclopentyl- (9CI) (CA INDEX NAME)



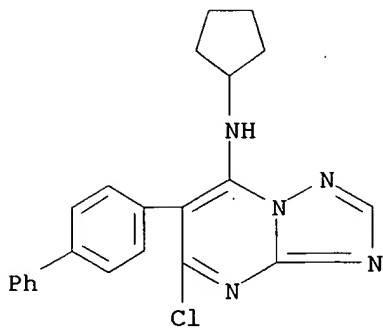
RN 150987-47-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



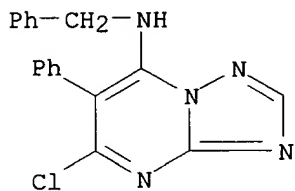
RN 150987-48-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[1,1'-biphenyl]-4-yl-5-chloro-N-cyclopentyl- (9CI) (CA INDEX NAME)



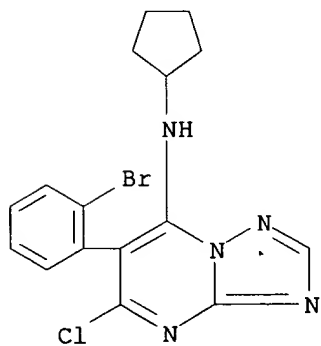
RN 150987-49-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



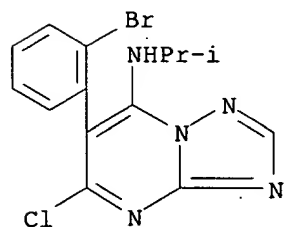
RN 150987-50-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromophenyl)-5-chloro-N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 150987-51-2 HCAPLUS

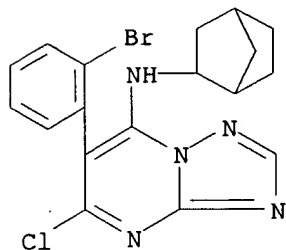
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromophenyl)-5-chloro-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



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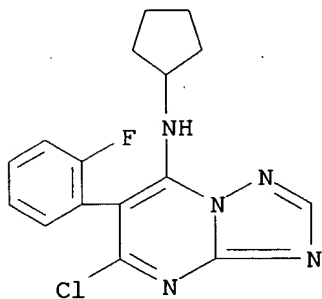
RN 150987-52-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2-bromophenyl)-5-chloro- (9CI) (CA INDEX NAME)



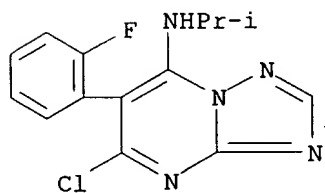
RN 150987-53-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



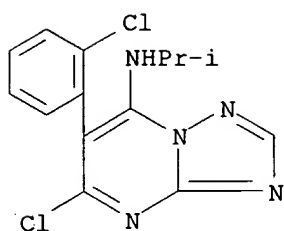
RN 150987-54-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



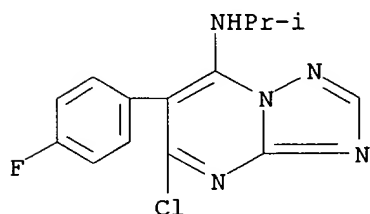
RN 150987-56-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



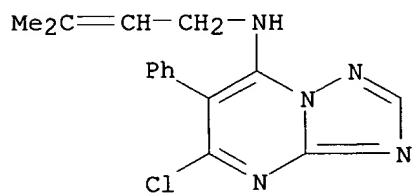
RN 150987-57-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-fluorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



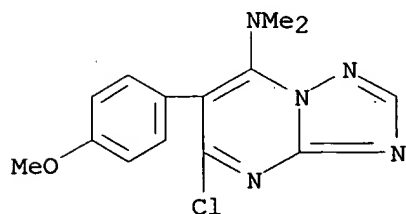
RN 150987-58-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3-methyl-2-butenyl)-6-phenyl- (9CI) (CA INDEX NAME)



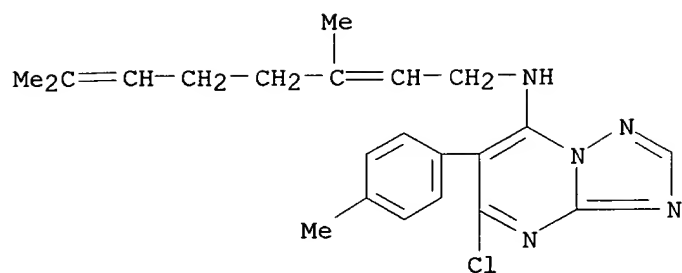
RN 150987-59-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N,N-dimethyl- (9CI) (CA INDEX NAME)



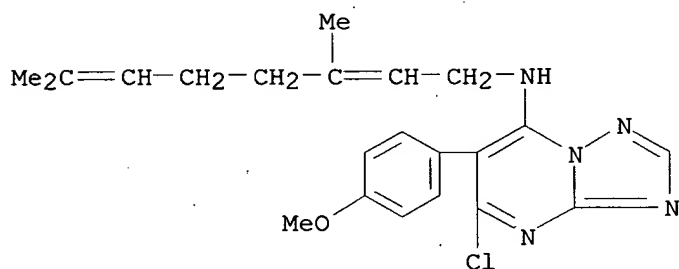
RN 150987-60-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3,7-dimethyl-2,6-octadienyl)-6-(4-methylphenyl)- (9CI) (CA INDEX NAME)



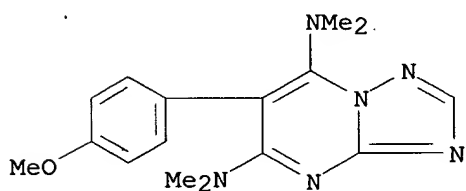
RN 150987-61-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(3,7-dimethyl-2,6-octadienyl)-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



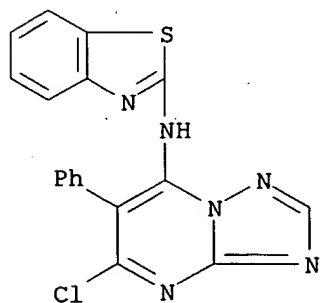
RN 150987-62-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, 6-(4-methoxyphenyl)-N,N,N',N'-tetramethyl- (9CI) (CA INDEX NAME)



RN 150987-64-7 HCAPLUS

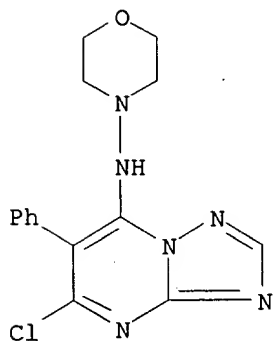
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-2-benzothiazolyl-5-chloro-6-phenyl- (9CI) (CA INDEX NAME)



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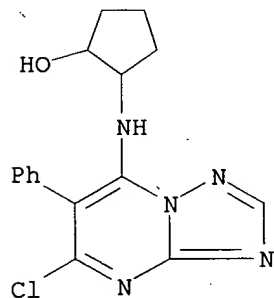
RN 150987-65-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-4-morpholinyl-6-phenyl-
(9CI) (CA INDEX NAME)



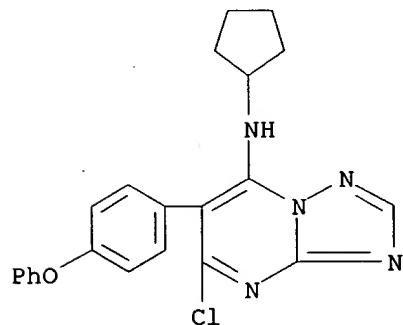
RN 150987-66-9 HCAPLUS

CN Cyclopentanol, 2-[(5-chloro-6-phenyl[1,2,4]triazolo[1,5-a]pyrimidin-7-yl)amino]- (9CI) (CA INDEX NAME)



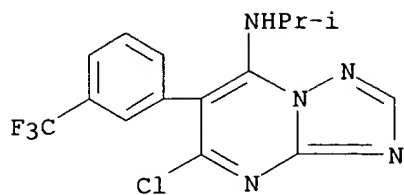
RN 150987-67-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)



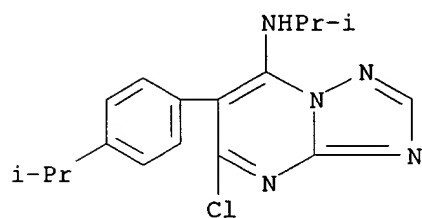
RN 150987-68-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



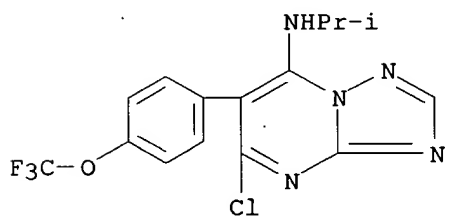
RN 150987-69-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



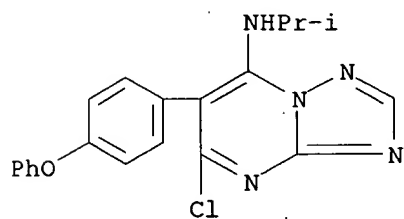
RN 150987-70-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)



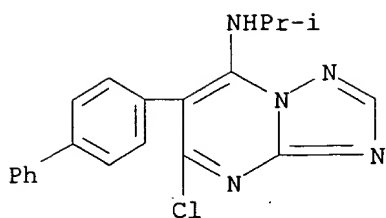
RN 150987-71-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-(4-phenoxyphenyl)- (9CI) (CA INDEX NAME)



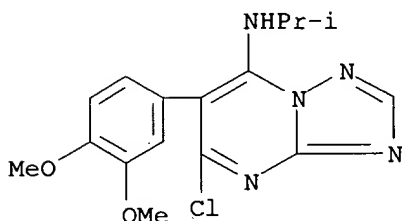
RN 150987-72-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[1,1'-biphenyl]-4-yl-5-chloro-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



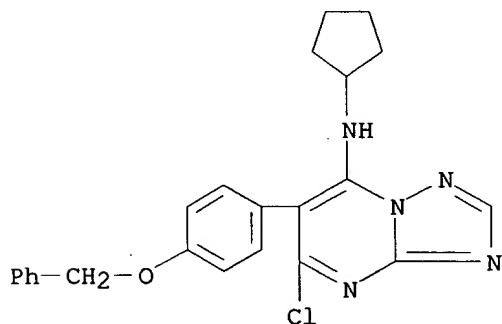
RN 150987-73-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(3,4-dimethoxyphenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



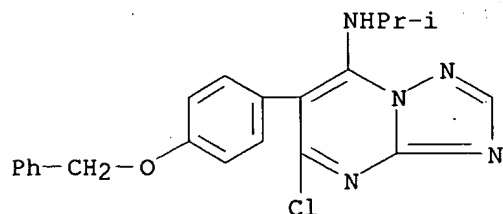
RN 150987-74-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[4-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 150987-75-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[4-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)

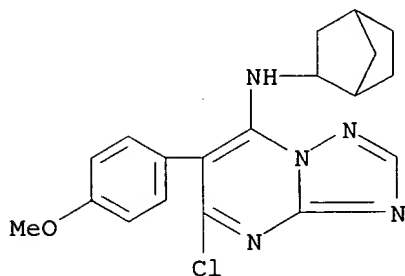


RN 150987-76-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-

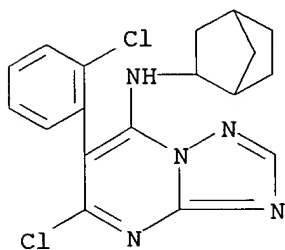
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chloro-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



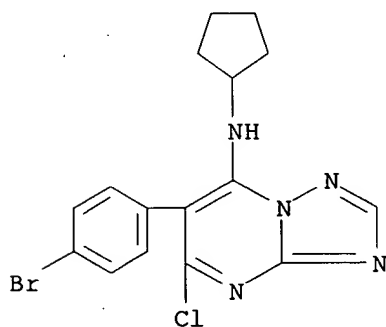
RN 150987-77-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



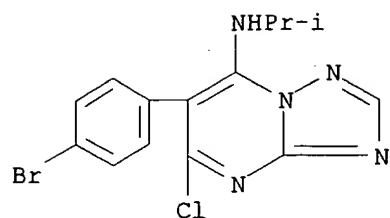
RN 150987-78-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-cyclopentyl- (9CI) (CA INDEX NAME)



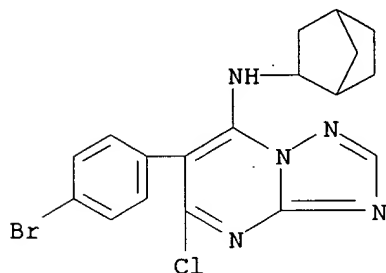
RN 150987-79-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)-5-chloro-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



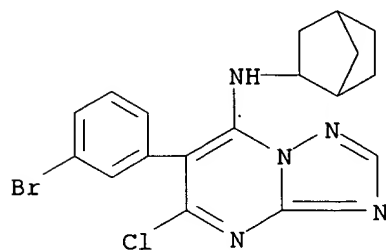
RN 150987-80-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(4-bromophenyl)-5-chloro- (9CI) (CA INDEX NAME)



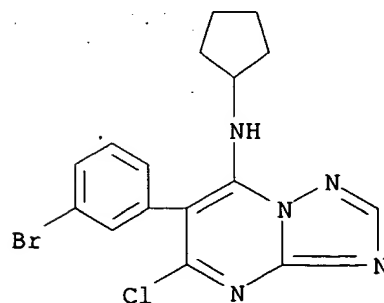
RN 150987-81-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(3-bromophenyl)-5-chloro- (9CI) (CA INDEX NAME)



RN 150987-82-9 HCAPLUS

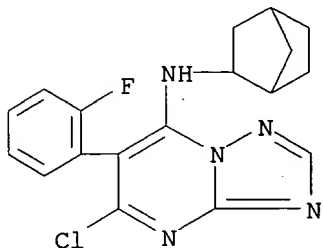
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3-bromophenyl)-5-chloro-N-cyclopentyl- (9CI) (CA INDEX NAME)



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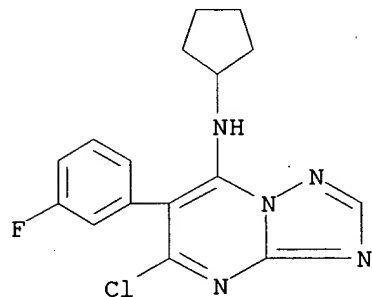
RN 150987-83-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



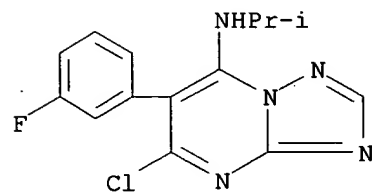
RN 150987-84-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(3-fluorophenyl)- (9CI) (CA INDEX NAME)



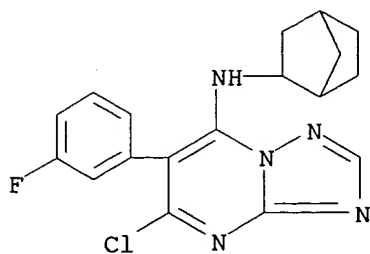
RN 150987-85-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(3-fluorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



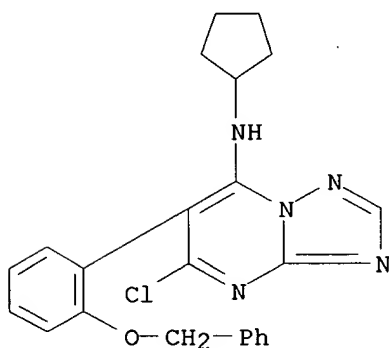
RN 150987-86-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(3-fluorophenyl)- (9CI) (CA INDEX NAME)



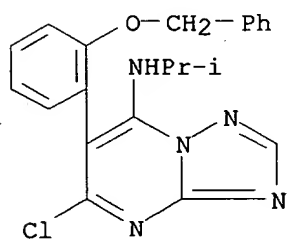
RN 150987-87-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-[2-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



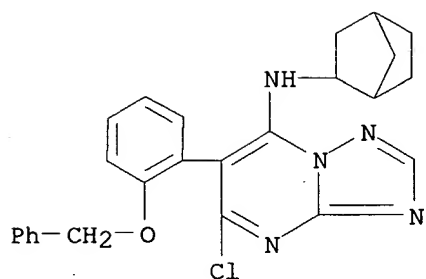
RN 150987-88-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(1-methylethyl)-6-[2-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



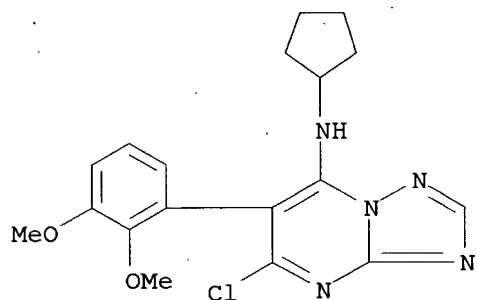
RN 150987-89-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-[2-(phenylmethoxy)phenyl]- (9CI) (CA INDEX NAME)



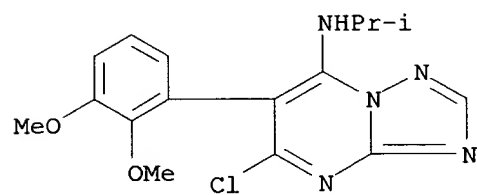
RN 150987-90-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclopentyl-6-(2,3-dimethoxyphenyl)- (9CI) (CA INDEX NAME)



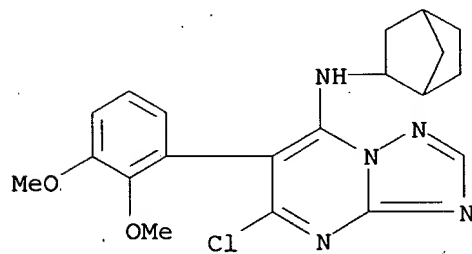
RN 150987-91-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,3-dimethoxyphenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)



RN 150987-92-1 HCAPLUS

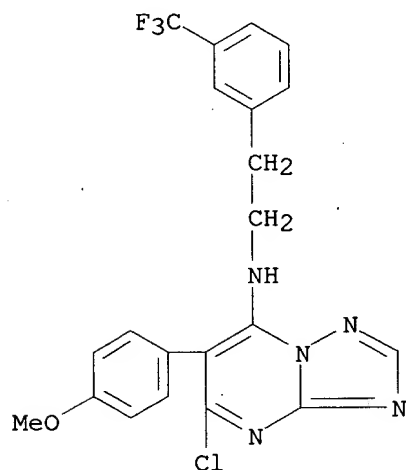
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2,3-dimethoxyphenyl)- (9CI) (CA INDEX NAME)



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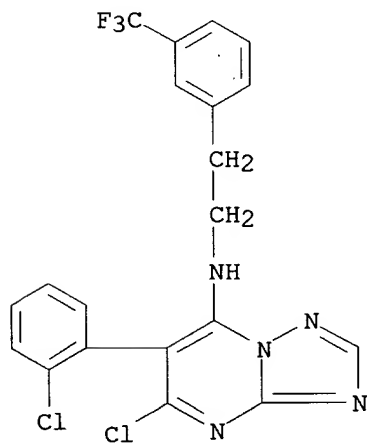
RN 150987-93-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-[2-[3-(trifluoromethyl)phenyl]ethyl]- (9CI) (CA INDEX NAME)



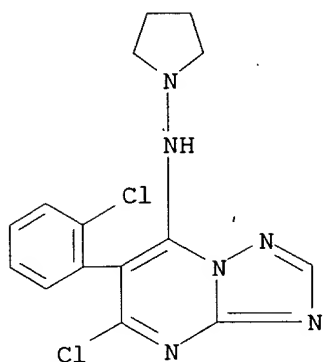
RN 150987-94-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-[2-[3-(trifluoromethyl)phenyl]ethyl]- (9CI) (CA INDEX NAME)



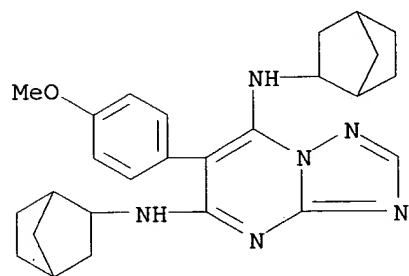
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-1-pyrrolidinyl- (9CI) (CA INDEX NAME)



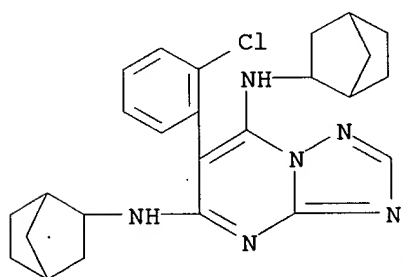
RN 150987-98-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, N,N'-bis(2-chlorophenyl)- (9CI) (CA INDEX NAME)



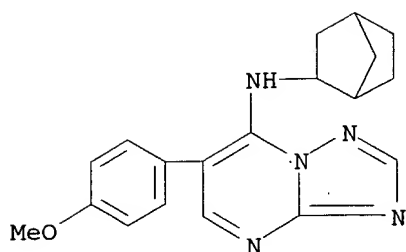
RN 150987-99-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, N,N'-bis(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



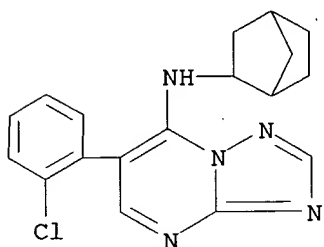
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



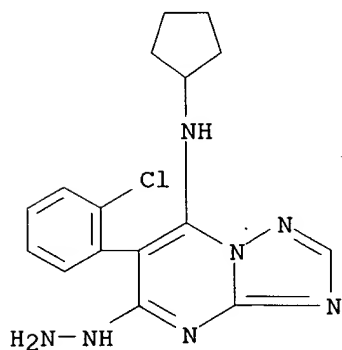
RN 150988-01-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



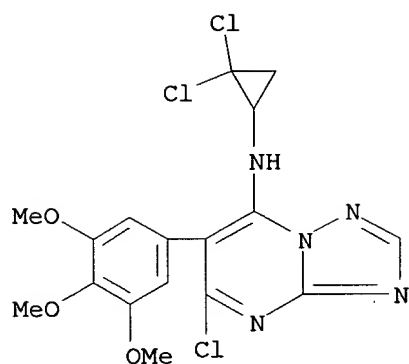
RN 150988-02-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-5(1H)-one, 6-(2-chlorophenyl)-7-(cyclopentylamino)-, hydrazone (9CI) (CA INDEX NAME)



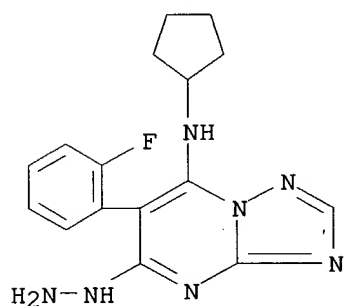
RN 150988-05-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-(2,2-dichlorocyclopropyl)-6-(3,4,5-trimethoxyphenyl)- (9CI) (CA INDEX NAME)



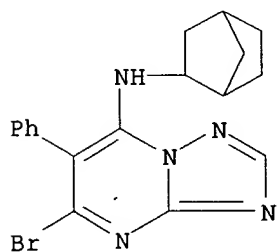
RN 150988-06-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-5(1H)-one, 7-(cyclopentylamino)-6-(2-fluorophenyl)-, hydrazone (9CI) (CA INDEX NAME)



RN 150988-07-1 HCAPLUS

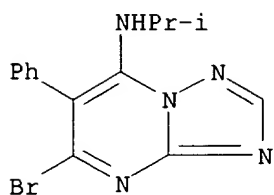
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-bromo-6-phenyl- (9CI) (CA INDEX NAME)



RN 150988-08-2 HCAPLUS

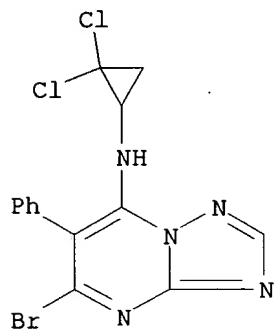
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-(1-methylethyl)-6-phenyl- (9CI) (CA INDEX NAME)

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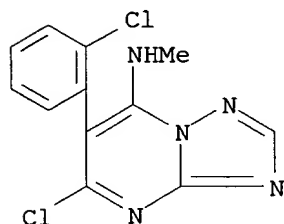
RN 150988-09-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-bromo-N-(2,2-dichlorocyclopropyl)-6-phenyl- (9CI) (CA INDEX NAME)



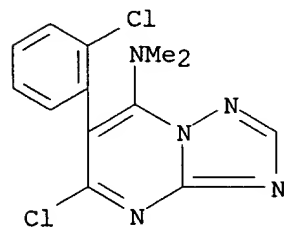
RN 150988-10-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-methyl- (9CI) (CA INDEX NAME)



RN 150988-11-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N,N-dimethyl- (9CI) (CA INDEX NAME)

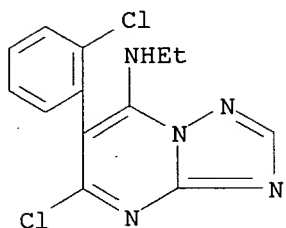


RN 150988-12-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N-

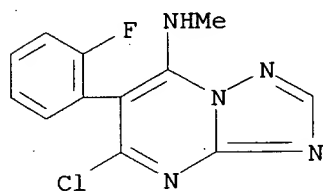
09/ 895,975

ethyl- (9CI) (CA INDEX NAME)



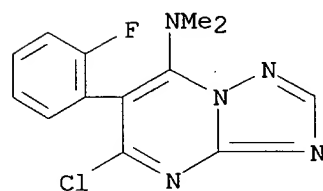
RN 150988-13-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N-methyl- (9CI) (CA INDEX NAME)



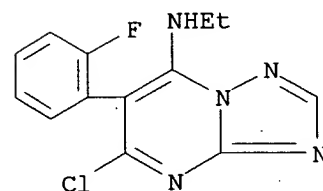
RN 150988-14-0 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-fluorophenyl)-N,N-dimethyl- (9CI) (CA INDEX NAME)



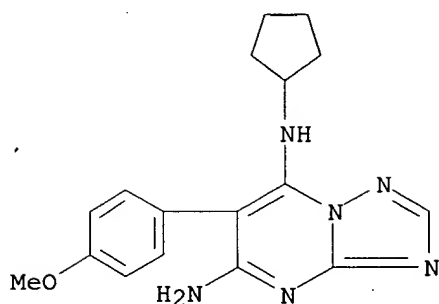
RN 150988-15-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-ethyl-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



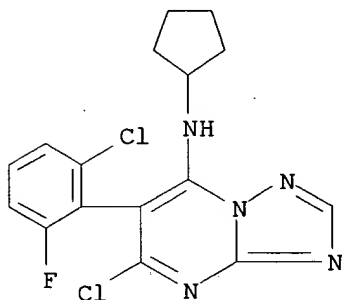
RN 150988-16-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, N7-cyclopentyl-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



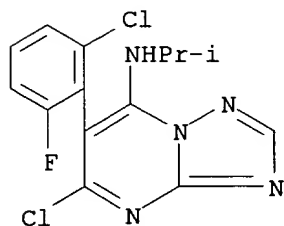
RN 150988-18-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-cyclopentyl- (9CI) (CA INDEX NAME)



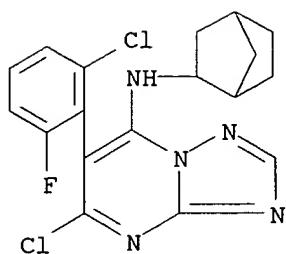
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-(1-methylethyl)- (9CI) (CA INDEX NAME)

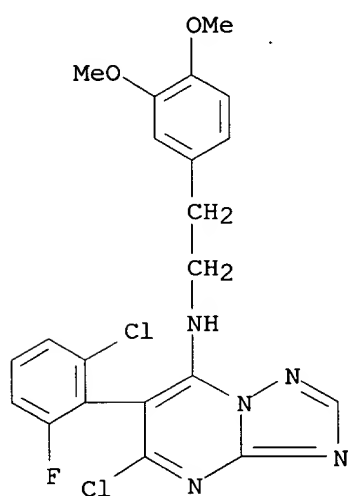


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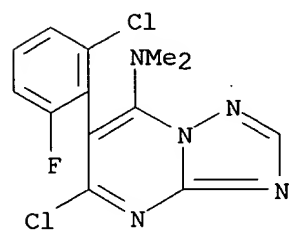
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-5-chloro-6-(2-chloro-6-fluorophenyl)- (9CI) (CA INDEX NAME)



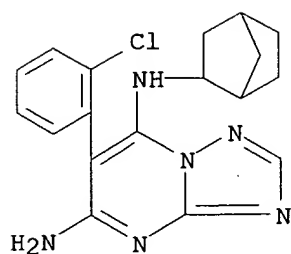
RN 150988-21-9 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N-[2-(3,4-dimethoxyphenyl)ethyl]- (9CI) (CA INDEX NAME)



RN 150988-22-0 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N,N-dimethyl- (9CI) (CA INDEX NAME)

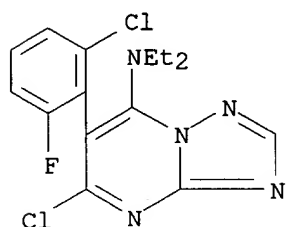


RN 150988-23-1 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidine-5,7-diamine, N7-bicyclo[2.2.1]hept-2-yl-6-(2-chlorophenyl)- (9CI) (CA INDEX NAME)



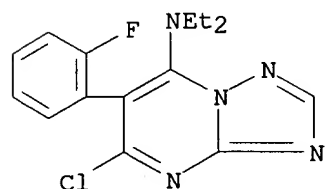
RN 150988-24-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluorophenyl)-N,N-diethyl- (9CI) (CA INDEX NAME)



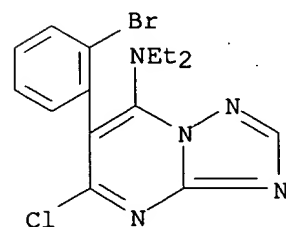
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



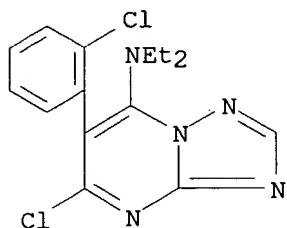
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-bromophenyl)-5-chloro-N,N-diethyl- (9CI) (CA INDEX NAME)

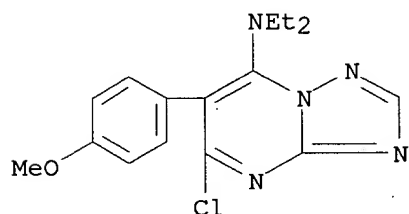


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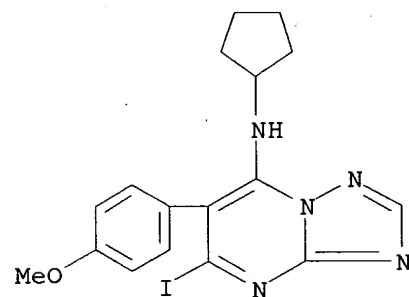
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chlorophenyl)-N,N-diethyl- (9CI) (CA INDEX NAME)



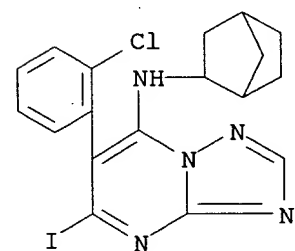
RN 150988-28-6 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N,N-diethyl-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



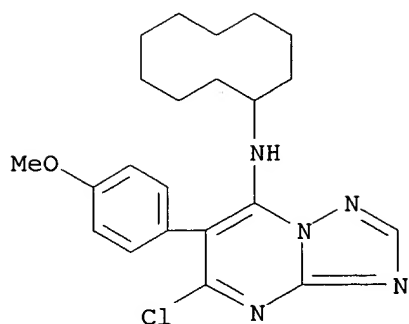
RN 150988-29-7 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-cyclopentyl-5-iodo-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 150988-30-0 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, N-bicyclo[2.2.1]hept-2-yl-6-(2-chlorophenyl)-5-iodo- (9CI) (CA INDEX NAME)

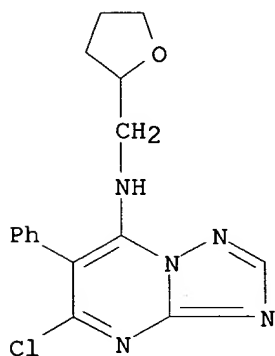


RN 187232-63-9 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-N-cyclodecyl-6-(4-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 187232-66-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-phenyl-N-[(tetrahydro-2-furanyl)methyl]- (9CI) (CA INDEX NAME)



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ACCESSION NUMBER: 1983:215609 HCAPLUS

DOCUMENT NUMBER: 98:215609

TITLE: 7-Aminoazolo[1,5-a]pyrimidines and fungicides containing them

INVENTOR(S): Eicken, Karl; Scheib, Klaus; Theobald, Hans; Pommer, Ernst Heinrich; Ammermann, Eberhard

PATENT ASSIGNEE(S): BASF A.-G. , Fed. Rep. Ger.

SOURCE: Ger. Offen., 20 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

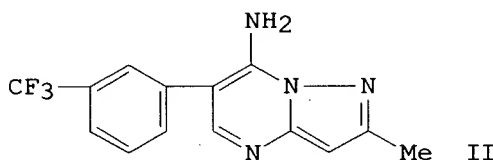
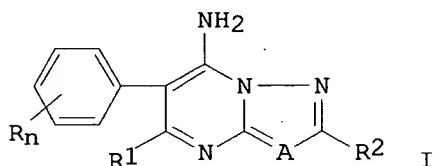
FAMILY ACC. NUM. COUNT: 1

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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3130633	A1	19830217	DE 1981-3130633	19810801
EP 71792	A2	19830216	EP 1982-106335	19820715
EP 71792	A3	19830406		
EP 71792	B1	19850130		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 11539	T	19850215	AT 1982-106335	19820715
IL 66358	A	19850830	IL 1982-66358	19820720
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DD 202093	A5	19830831	DD 1982-242024	19820728
CS 226748	B2	19840416	CS 1982-5723	19820729
DK 8203416	A	19830202	DK 1982-3416	19820730
DK 160020	B	19910114		
DK 160020	C	19910603		
AU 8286659	A	19830210	AU 1982-86659	19820730
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JP 02061955	B	19901221		
ZA 8205498	A	19830727	ZA 1982-5498	19820730
HU 30908	A2	19840428	HU 1982-2474	19820730
HU 188325	B	19860428		
US 4567263	A	19860128	US 1984-651660	19840918
PRIORITY APPLN. INFO.:			DE 1981-3130633	A 19810801
			EP 1982-106335	A 19820715
			US 1982-401346	A1 19820723

OTHER SOURCE(S): MARPAT 98:215609
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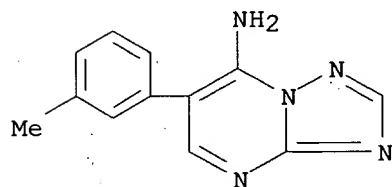
AB I (R = alkyl, aryl, alkoxy, halo, cycloalkyl, cyano, etc.; n = 1 or 2; R1, R2 = H, alkyl, aryl; A = N or CR3, where R3 = alkyl, aryl, halo, etc.) were prepared and shown to be superior as fungicides to, e.g., N-[(trichloromethyl)thio]phthalimide. Thus, 3-CF3C6H4CH(CN)CHO was refluxed with 5-methyl-3-pyrazolamine in AcOH 4 h to give II.

IT 85840-95-5P 85840-96-6P 85840-97-7P
85840-98-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and fungicidal activity of)

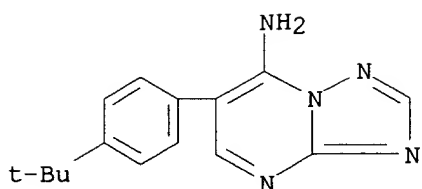
RN 85840-95-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3-methylphenyl)- (9CI) (CA INDEX NAME)



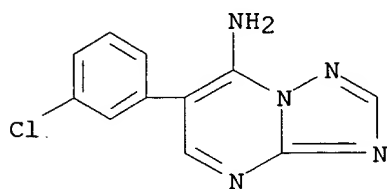
RN 85840-96-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(1,1-dimethylethyl)phenyl]- (9CI) (CA INDEX NAME)



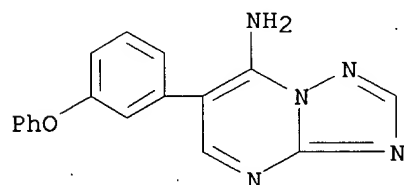
RN 85840-97-7 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3-chlorophenyl)- (9CI) (CA INDEX NAME)



RN 85840-98-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3-phenoxyphenyl)- (9CI) (CA INDEX NAME)

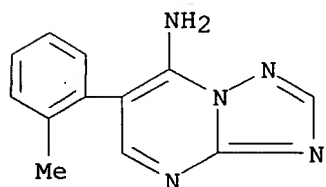


IT 85841-21-0P 85841-22-1P 85841-23-2P
85841-24-3P 85841-25-4P 85841-26-5P
85841-27-6P 85841-28-7P 85841-29-8P
85841-30-1P 85841-31-2P 85841-32-3P
85841-33-4P 85841-34-5P 85841-35-6P
85841-36-7P 85841-37-8P 85841-38-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of, as fungicide)

RN 85841-21-0 HCAPLUS

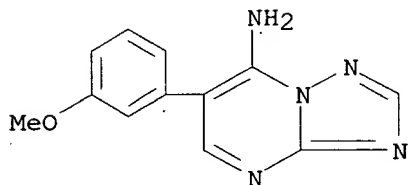
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2-methylphenyl)- (9CI) (CA INDEX NAME)



09/ 895,975

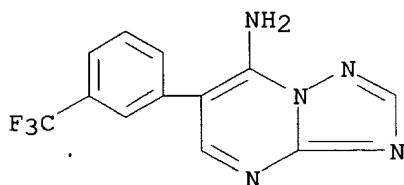
RN 85841-22-1 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3-methoxyphenyl)- (9CI) (CA INDEX NAME)



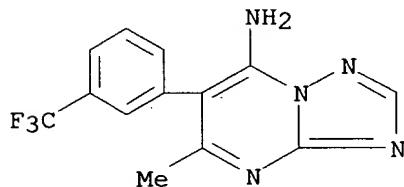
RN 85841-23-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



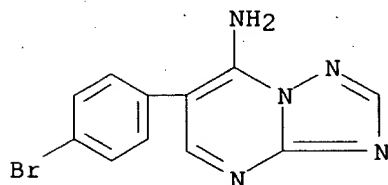
RN 85841-24-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-methyl-6-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



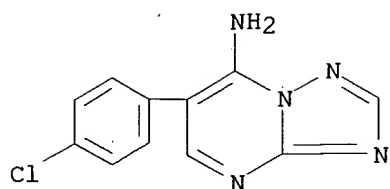
RN 85841-25-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-bromophenyl)- (9CI) (CA INDEX NAME)

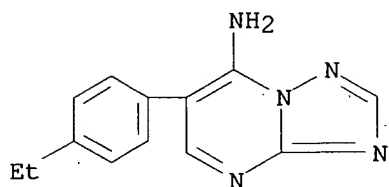


RN 85841-26-5 HCAPLUS

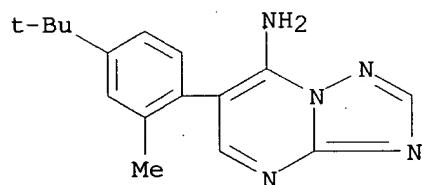
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-chlorophenyl)- (9CI) (CA INDEX NAME)



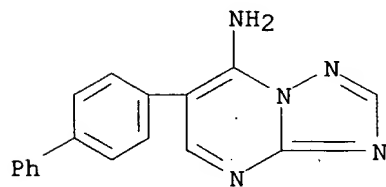
RN 85841-27-6 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-ethylphenyl)- (9CI) (CA INDEX NAME)



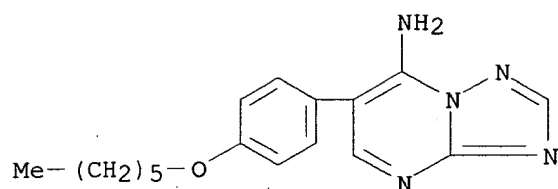
RN 85841-28-7 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(1,1-dimethylethyl)-2-methylphenyl]- (9CI) (CA INDEX NAME)



RN 85841-29-8 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[1,1'-biphenyl]-4-yl- (9CI) (CA INDEX NAME)

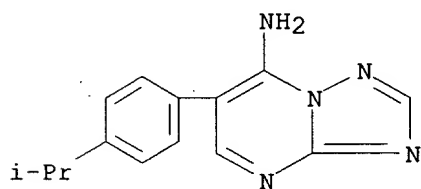


RN 85841-30-1 HCAPLUS
 CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(hexyloxy)phenyl]- (9CI) (CA INDEX NAME)



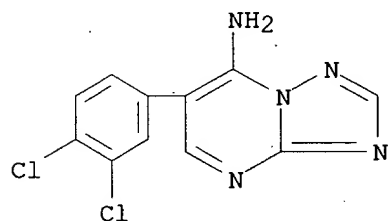
RN 85841-31-2 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(1-methylethyl)phenyl]- (9CI) (CA INDEX NAME)



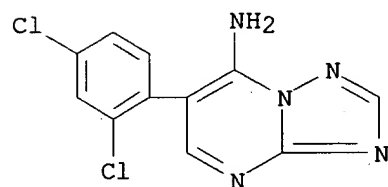
RN 85841-32-3 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(3,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



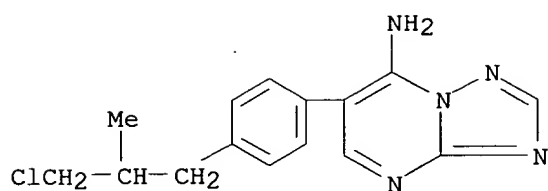
RN 85841-33-4 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(2,4-dichlorophenyl)- (9CI) (CA INDEX NAME)



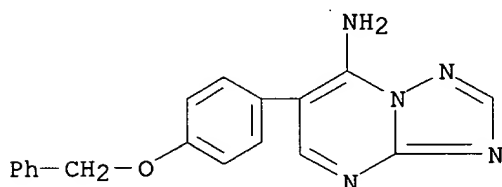
RN 85841-34-5 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(3-chloro-2-methylpropyl)phenyl]- (9CI) (CA INDEX NAME)



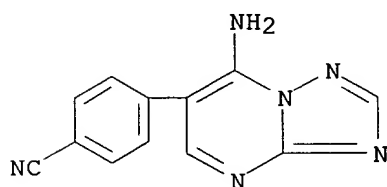
RN 85841-35-6 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(phenylmethoxy)phenyl]-
(9CI) (CA INDEX NAME)



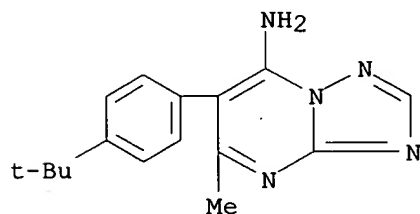
RN 85841-36-7 HCAPLUS

CN Benzonitrile, 4-(7-amino[1,2,4]triazolo[1,5-a]pyrimidin-6-yl)- (9CI) (CA
INDEX NAME)



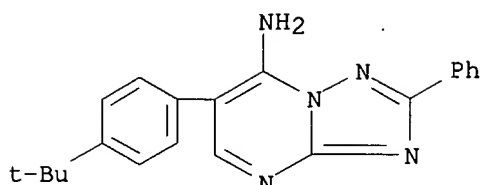
RN 85841-37-8 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(1,1-dimethylethyl)phenyl]-5-
methyl- (9CI) (CA INDEX NAME)



RN 85841-38-9 HCAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(1,1-dimethylethyl)phenyl]-2-
phenyl- (9CI) (CA INDEX NAME)



L6 ANSWER 15 OF 15 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1948:33759 HCAPLUS
 DOCUMENT NUMBER: 42:33759
 ORIGINAL REFERENCE NO.: 42:7178h-i, 7179a-i, 7180a-i
 TITLE: Stabilizers for photographic emulsions
 INVENTOR(S): Heimbach, Newton; Kelly, Walter, Jr.
 PATENT ASSIGNEE(S): General Aniline & Film Corp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	US 2444605		19480706	US 1945-635334	19451215
GI	For diagram(s), see printed CA Issue.				
AB	<p>Light-sensitive Ag halide emulsions are stabilized by hydroxy-1,3,4-triazaindolizines (I) obtained by the condensation of a β-keto ester, a malonic acid ester, or a mononitrile of a malonic acid ester with an aminotriazole. In I R is H, alkyl, alicyclic, aryl, or heterocyclic, R' is H, alkyl, alicyclic, aryl, or a heterocyclic radical of the same value as R, and R'' is either NH₂, OH, carbalkoxy, alkyl, or an alicyclic or heterocyclic radical of the same value as R. When R and R' are H, R'' must be a radical other than alkyl. I is prepared by refluxing 1 mol. of the β-keto ester, malonic ester, or mononitrile of a malonic ester with 1 mol. 3-amino-1,2,4-triazole at reflux temperature in the presence of a solvent, e.g., glacial AcOH, 3-8 hrs.; during the treatment H₂O and alc. are formed. As the condensation proceeds the final product either ppts. from solution during the reaction or is removed by diluting the solvent with H₂O, EtOH, etc. Suitable β-keto esters are acetoacetic ester, malonic esters and mononitriles are di-Me malonate, Et cyanoacetate, and 5-amino-1,2,4,1H-triazoles are 5-amino-3-methyl-1,2,4,1H-triazole, etc. The following 1,3,4-triazaindolizines have been prepared: 7-hydroxy-6-ethyl-5-methyl (II); 7-hydroxy-6-ethyl-2,5-dimethyl; 7-hydroxy-5-methyl-2-phenyl; 7-hydroxy-2-methyl-5-phenyl; 7-hydroxy-5-phenyl (III); 7-hydroxy-2,5-diphenyl; 7-hydroxy-2-isopropyl-5-methyl; 7-hydroxy-2,5-dimethyl; 5,7-dihydroxy; 7-hydroxy-5-amino; 7-hydroxy-5-carbethoxy; 7-hydroxy-5-(3-pyridyl) (IV); 7-hydroxy-2-cyclohexyl-5-methyl; 7-hydroxy-2-(2-furyl)-5-methyl; 7-hydroxy-5-cyclohexyl; 7-hydroxy-6-cyclohexyl-5-methyl; 7-hydroxy-6-(2-furyl)-5-methyl; 7-hydroxy-5-methyl-6-phenyl. In preparing an emulsion with stabilizers, a solution of the stabilizer in a solvent, e.g., alc. or alc.-H₂O, pH 7.5-10, is made and the solution mixed with the emulsion during ripening or prior to coating in concns. of 25-500 mg. per l. of emulsion. Testing of stabilizers used in the following examples consists of coating 2 film strips, e.g., cellulose acetate, with the same emulsion, one with and one without a stabilizer, storing the emulsions in an incubator for 6 days at 50°, then processing in the usual way. The fog d. in the unexposed areas in the emulsions is measured in a transmission densitometer. A gelatin-bromiodide emulsion without stabilizer gave a</p>				

fog d. of 0.28 while another film coated with the same emulsion containing an addition of 100 mg. IV per 1 l. emulsion equivalent to 50 g. Ag halide, gave a fog d. of 0.08; an equivalent quantity of III substituted for IV gave the same results; 75 mg. II substituted for 100 mg. IV gave a fog d. of 0.1. Emulsions containing these stabilizers not only reduce fog produced by incubation or by long storage, but also diminish or eliminate changes of speed to which some emulsions are susceptible. Stabilizers are used in orthochromatic, panchromatic, nonsensitized, and x-ray emulsions. If used with sensitizing dyes they are added to the emulsion before or after the dyes are added. Dispersing agents for Ag halides are gelatin or H₂O-soluble cellulose derivs., e.g., hydroxyethylcellulose. Stabilizers are employed in gelatin or other colloid, e.g., polyamides, as an under- or overcoat for the emulsion or as backing layer for the support. They may be incorporated in the support for the sensitive emulsion layer or in an intermediate layer between the sensitive emulsion layer and the support, such as the baryta coating used in photographic papers, or incorporated in a protective layer coated on the emulsion surface, or the finished photographic material may be bathed in an alc. or alc.-H₂O solution containing the stabilizer. In U.S. 2,444,606, I are obtained by the condensation of a β -keto or β -imino nitrile with a 5-amino-1,2,4,1H-triazole; R and R' are H, alkyl, alicyclic, aryl, or a heterocyclic radical, and R'' is either alkyl, alicyclic, aryl, or a heterocyclic radical of the same value as R. Suitable β -keto nitriles are acetylacetonitrile and β -imino nitriles, β -iminobutyronitrile. As condensation between the β -keto or β -imino group and the primary amino group of the 5-amino-1,2,4,1H-triazole proceeds the final product either ppts. or is removed by diluting the solvent with H₂O, EtOH, or Me₂CO. The following 1,3,4-triazaindolizines have been prepared: 7-amino-5-methyl (V); 7-amino-5-phenyl (VI); 7-amino-5-methyl-2-phenyl (VII); 7-amino-6-ethyl-5-methyl; 7-amino-5-methyl-6-phenyl; 7-amino-2-(2-furyl)-5-methyl; 7-amino-5-(3-pyridyl); 7-amino-2,5-dimethyl; 7-amino-2-cyclohexyl-5-methyl; 7-amino-5-cyclohexyl; 7-amino-5-methyl-6-(3-pyridyl); 7-amino-5-methyl-6-cyclohexyl. The same testing procedures as in U.S. 2,444,605 were used: In the 1st example, V gave the same results; in the 2nd example, VI gave the same results; in the 3rd example, 75 mg. VII substituted for 100 mg. V gave a fog d. of 0.1. In U.S. 2,444,608, the preparation of 1,3-bis(5-amino-1,3,4,1H-triazolyl)oxopropenes (VIII), where R is H or alkyl, R' is alkyl of the same value as R, aryl, or aralkyl, and R'' is either H, allyl, or alkyl of the same value as R, by condensing a β -keto ester or anilide thereof with a 5-amino-1,2,4,1H-triazole, and their use as stabilizers to prevent fog and increase stability are given. Suitable β -keto esters and anilides are, e.g., Et acetoacetate, Et toluylacetylacetanilide. Condensation is carried out by heating the reagents at 150-60° with C₆H₅NO₂ for from 10 min. to 2 hrs. The final product either ppts. or is removed by diluting with an aromatic hydrocarbon, e.g., PhMe, or an oxygenated solvent, e.g., EtOH, and recrystd. from H₂O. Instead of heating, the reactants may be allowed to stand in cold 5-20% aqueous NaOH or KOH for several days at room temperature, diluted with an equal volume of H₂O, and warmed to redissolve the product. Cold glacial AcOH is added and, after chilling, the product is filtered, washed in cold H₂O, and recrystd. from boiling H₂O. The following 2-propen-1-ones have been prepared: 1,3-bis(5-amino-1,2,4,1H-triazol-1-yl)-3-methyl-2-allyl (IX); 1,3-bis(5-amino-1,2,4,1H-triazol-1-yl)-3-methyl (X); 1,3-bis(5-amino-3-methyl-1,2,4,1H-triazol-1-yl)-3-methyl (XI); 1,3-bis(5-amino-3-methyl-1,2,4,1H-triazol-1-yl)-3-methyl-2-allyl; 1,3-bis(5-amino-1,2,4,1H-triazol-1-yl)-3-phenyl; 1,3-bis(5-amino-1,2,4,1H-triazol-1-yl)-3-ethyl; 1,3-bis(5-amino-3-propyl-1,2,4,1H-triazol-1-yl)-3-methyl; 1,3-bis(5-amino-3-ethyl-1,2,4,1H-triazol-1-yl)-2,3-dimethyl. The following examples illustrate the preparation of the compds.: Example 1. To 15 cc. C₆H₅NO₂, 8.4 g. 5-amino-1,2,4,1H-triazole and 8.5 g. Et

α -allylacetoacetate were added and the mixture was heated to 150-60° 1 hr., cooled to room temperature, and the product precipitated with Et2O. The precipitate was washed with Et2O and recrystd. from H2O with charcoal.

Example 2. 8.4 g. 5-amino-1,2,4,1H-triazole was dissolved in 15 cc. H2O, the mixture cooled to room temperature, and 13 g. ethyl acetoacetate added. After standing 15 min., a cold solution of 4 g. NaOH in 10 cc. H2O was added slowly with cooling to keep at room temperature. After standing for 2 days, the mixture was diluted to 40 cc. and warmed to redissolve the precipitate, then 6 g. cold glacial AcOH added, and, after chilling, the product filtered, washed with H2O, and recrystd. from boiling H2O. Example 3. To 15 cc. C6H5NO2, 9.8 g. 5-amino-3-methyl-1,2,4,1H-triazole and 6.5 g. Et acetoacetate were added and the mixture was heated to 150-160° 1 hr., cooled to room temperature, and the product isolated by diluting with Et2O and recrystg. from H2O.

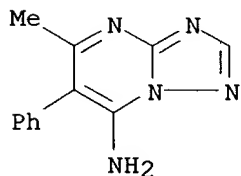
Example 4. Example 3 was repeated except that 96 g. Et benzoylacacetate was substituted for 6.5 g. Et acetoacetate. By the same procedure as used in the 1st example of U.S. 2,444,605 in testing VIII as stabilizers, IX had a fog d. of 0.06; an equivalent amount of X gave the same results; 75 mg. XI substituted for 100 mg. IX gave a fog d. of 0.1. Cf. preceding and following abstrs.

IT 856864-28-3P, s-Triazolo[1,5-a]pyrimidine, 7-amino-5-methyl-6-phenyl-

RL: PREP (Preparation)
(preparation of)

RN 856864-28-3 HCAPLUS

CN s-Triazolo[1,5-a]pyrimidine, 7-amino-5-methyl-6-phenyl- (5CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 10:04:51 ON 15 FEB 2007)

FILE 'REGISTRY' ENTERED AT 10:05:04 ON 15 FEB 2007

L1 STRUCTURE UPLOADED

L2 2335 S L1 FUL

FILE 'HCAPLUS' ENTERED AT 10:06:04 ON 15 FEB 2007

L3 90 S L2

L4 3 S L3 AND (CANCER? OR TUMOR? OR NEOPLAS? OR PROLIFERAT?)

L5 87 S L3 NOT L4

L6 15 S L5 NOT PY>2001

=> log y